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SSC GD Constable
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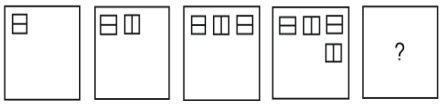
Reasoning

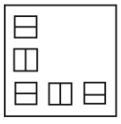
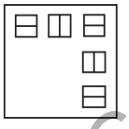
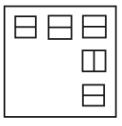
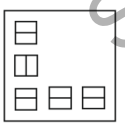
Q.1. Arrange the given words in the sequence in which they occur in the dictionary.
1. Dear 2. Dean 3. Deal 4. Dead 5. Death
(a) 43251 (b) 43215 (c) 13245 (d) 13254

Q.2. Eight boys B1, B2, B3, B4, B5, B6, B7 and B8 are sitting in a row facing towards the north (not necessarily in the same order). B6 is fifth to the right of B1. B4 is fifth to the right of B5. B5 is to the immediate right of B1. B8 is third to the left of B4. B2 is third to the right of B7. B7 is an immediate neighbour of B1. Who is sitting on the immediate left of B1?
(a) B6 (b) B7 (c) B2 (d) B8

Q.3. Select the option that is related to the third word in the same way as the second word is related to the first word.
Bicycle : Pedal : : Car : ?
(a) Shovel (b) Door
(c) Hammer (d) Wheel

Q.4. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

Q.5. Five friends Alex, Ben, Chris, David, and Emma are sitting around a circular table facing the center. Alex sits to the immediate right of Ben. Alex is not sitting next to Chris or David. David is to the immediate right of Emma. Who is sitting to the immediate right of Chris?
(a) Emma (b) Ben (c) Alex (d) David

Q.6. Which two signs should be interchanged to make the given equation correct ?
28 + 12 - 21 ÷ 7 × 4 = 60
(a) × and - (b) + and ÷
(c) × and ÷ (d) × and +

Q.7. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : All bats are balls.
Statement II : All balls are badmintons.
Statement III : All badmintons are wickets.
Conclusion I : All bats are wickets.
Conclusion II : Some badmintons are bats.
(a) Neither conclusion I nor II follows
(b) Both conclusions I and II follow
(c) Only conclusion II follows
(d) Only conclusion I follows

Q.8. In the following question, select the missing number from the given series.
142, 150, 123, 187, 62, ?
(a) 300 (b) 285 (c) 281 (d) 278

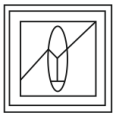
Q.9. In the following question, select the related letter pair from the given alternatives.
KW : FR :: ?
(a) OC : CP (b) AB : BM
(c) BM : WO (d) IU : DP

Q.10. 'I × J' means 'I is the mother of J'
'I + J' means 'I is the husband of J'
'I ÷ J' means 'I is the sister of J'
'I - J' means 'I is the brother of J'
How is Q related to Z in the expression 'Q ÷ X + Y × Z' ?
(a) Father's sister (b) Wife's sister
(c) Daughter (d) Wife

Q.11. Which of the following letter-number cluster will replace the question mark (?) in the given series?
TJM10, ULP12, VNS14, WPV16, XRY18,?
(a) YTB21 (b) YSZ21
(c) YTB20 (d) YSZ20

Q.12. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is not allowed)

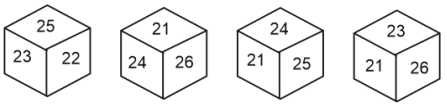


(a)  (b) 
(c)  (d) 

Q.13. In a certain code language, 'LAMP' is coded as 'IWJL'. What is the code for 'LOGS' in that code language?
(a) IKDP (b) IJDO (c) IKEO (d) IKDO

Q.14. In a certain code language, 'FORCE' is coded as '83052', 'GAMES' is coded as '42761', 'FORUM' is coded as '08957'. What is the code for 'C' in that code language?
(a) 5 (b) 2 (c) 8 (d) 3

Q.15. Four different positions of the same dice are given below. Find the number opposite of 23.

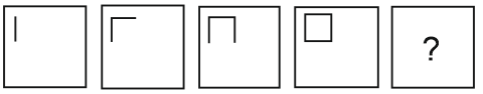


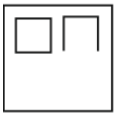
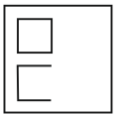
(a) 21 (b) 25 (c) 26 (d) 24

Q.16. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
jklmnojklmnoj_lmnojk_m_ojklmn_
(a) jklm (b) klno (c) knlo (d) mnol

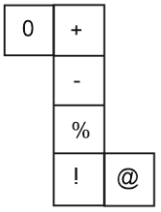
Q.17. Which of the following numbers will replace the question mark (?) in the given series?
8, 18, 38, 78, 158, ?
(a) 318 (b) 340 (c) 290 (d) 268

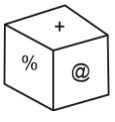
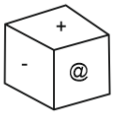
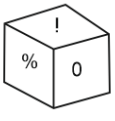
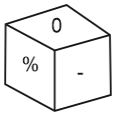
Q.18. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

Q.19. Select the cube which cannot be formed on folding the given sheet.



(a)  (b) 
(c)  (d) 

Q.20. Which two numbers should be interchanged to make the given equation correct?

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8 × 9 ÷ 4 + 5 - 3 = 2
(a) 8 and 4 (b) 2 and 5
(c) 3 and 9 (d) 9 and 2

General Awareness

Q.21. Which Indian musician is the first singer to get the highest civilian honour, the Bharat Ratna?
(a) Zakir Hussain (b) A.R. Rahman
(c) M.S. Subbulakshmi (d) R.D. Burman

Q.22. Which Indian dancer won the Sangeet Natak Akademi Award for Odissi Dance in 2018?
(a) Dr. Aruna Mohanty
(b) Akham Lakshmi Devi
(c) Surupa Sen
(d) Elam Endira Devi

Q.23. According to part IVA of Indian Constitution," who is a parent or guardian, has a duty to provide opportunities for education to his child or, as the case may be, ward between the age of _____.
(a) 2 - 6 (b) 6-14 (c) 6-12 (d) 4-14

Q.24. What is the name of the earliest form of writing known in the Indian subcontinent?
(a) Pali Script (b) Indus Script
(c) Brahmi Script (d) Sanskrit Script

Q.25. According to the Women's Reservation Bill, 2023, how many seats in the Lok Sabha and state legislative assemblies are reserved for women?
(a) Two-thirds (b) One-third
(c) One-fourth (d) Half

Q.26. Pandit Birju Maharaj was an Indian dancer, composer, singer, and exponent of the _____"Kalka-Bindadin" Gharana of Kathak dance in India.
(a) Lucknow (b) Hyderabad
(c) Agra (d) Gwalior

Q.27. The IAAF World Championships in Athletics became a fully professional competition from _____.
(a) 1997 (b) 1995 (c) 1993 (d) 1991

Q.28. Which institution was established in 2015, in the place of Planning commission of India?
(a) NABARD (b) NITI Aayog
(c) RBI (d) SEBI

Q.29. Barash is similar to the hindu festival Diwali, which is celebrated by which of following tribes?
(a) Varli and Kokna (b) Santhal
(c) Munda (d) Gond and Bhil

Q.30. The Rangaswami Cup is associated with sports _____.
(a) Football (b) Hockey
(c) Tennis (d) Badminton

Q.31. Open Network for Digital Commerce (ONDC) is an initiative by _____.
(a) Ministry of Statistics and Program Implementation
(b) Ministry of Information and Broadcasting
(c) Department for Promotion of Industry and Internal Trade
(d) NITI Aayog

Q.32. _____is the most commonly used measure of money supply.
(a) M1 (b) M2 (c) M4 (d) M3

Q.33. The First Economic Census of India was conducted throughout the country, except Lakshadweep, during _____ in collaboration with the States/Union Territories (UTs).
(a) 1977 (b) 1997 (c) 1967 (d) 1987

Q.34. Who was the founder of the Satyashodhak Samaj ?
(a) Ghasidas
(b) Haridas Thakur
(c) Jyotirao Phule
(d) Ishwarchandra Vidyasagar

Q.35. Who joined the Competition Commission of India (CCI) as Chairperson on 23rd May, 2023 ?
(a) Shanti Ekambaram
(b) Ravneet Kaur
(c) Leena Nair
(d) Naina Lal Kidwai

Q.36. When Mendeleev started his work, how many elements were known at that time?
(a) 36 (b) 29 (c) 63 (d) 47

Q.37. Complete the statement given below with respect to the judge's removal.
The Indian Constitution :-
(a) prescribes a procedure for removal of high court judges only.
(b) prescribes a very difficult procedure for removal of judges.
(c) does not prescribe a procedure for removal of judges.
(d) prescribes a very flexible procedure for removal of judges.

Q.38. Which of the following statements is correct regarding badminton?
I. At the beginning of the game of badminton and when the score is even, the server serves from the left service court.
II. Server and receiver always stand in 1 opposite service courts but on the same side.
(a) Only I (b) Both I and II
(c) Only II (d) Neither I nor II

Q.39. Which State's Chief Minister has been awarded the Bharat Ratna Dr Ambedkar Award for fear free state, in May 2023?
(a) Chief Minister of UP
(b) Chief Minister of Jharkhand
(c) Chief Minister of Kerala
(d) Chief Minister of Bihar

Q.40. _____ is the total process of collecting, compiling, analyzing and disseminating demographic, economic and social data pertaining, at a specific time, of all persons in a country or a well-defined part of a country.
(a) Population (b) National Survey
(c) Population Census (d) Constitution

Quantitative Aptitude

Q.41. What is the value of [41 × {36 of 4 ÷ (96 of 2 ÷ 24)}] ?
(a) 656 (b) 697 (c) 738 (d) 779

Q.42. Rs. 7200 is divided among P, Q and R in the ratio of $\frac{1}{2} : 4 : \frac{3}{2}$ respectively. What is the share of R?
(a) Rs. 2400 (b) Rs. 4800
(c) Rs. 600 (d) Rs. 1800

Q.43. Rohit buys an old bat for Rs. 2320 and spends Rs. 180 on its repairing. If he sells it for Rs. 2400, then what is the loss percentage?
(a) 8 % (b) 5 % (c) 4 % (d) 10 %

Q.44. If the length of a rectangle is increased by 14.28 percent, then by how much percentage its breadth should be reduced to keep the area same?
(a) 12.5 % (b) 14.28 % (c) 14 % (d) 16.66 %

Q.45. There are 44 mangoes, 121 bananas and 11 apples, they have to be arranged in several rows in such a way that every row contains equal number of fruits and each row contains fruit of one type. What is the minimum number of rows?
(a) 16 (b) 15 (c) 14 (d) 13

Q.46. A sum of money placed at compound interest (compounding annually) doubles itself in 10 years. Find the time in which it will amount to 4 times itself
(a) 20 years (b) 14 years

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(c) 10 years (d) 15 years

Q.47. A student scores 75% in a test and gets 30 marks more than another student who scored 60%. What is the maximum marks in the test?
(a) 120 (b) 150 (c) 100 (d) 200

Q.48. Evaluate :
{(175 × 72 ÷ 24 + 5) × 20} ÷ 2
(a) 5800 (b) 4850 (c) 4300 (d) 5300

Q.49. After working for 8 days, Rakhi finds that only 10 percent of the work is completed. She employs Poonam who is 20 percent more efficient than Rakhi. How many more days will they together take to complete the remaining work?
(a) $\frac{360}{7}$ (b) $\frac{360}{11}$ (c) $\frac{340}{11}$ (d) $\frac{340}{7}$

Q.50. Selling price of an article is Rs. 5175 and discount of 25 percent is offered. What is the marked price of the article?
(a) Rs. 6900 (b) Rs. 8500
(c) Rs. 6600 (d) Rs. 7000

Q.51. R can do a work in 90 days. What percent work of the total work can be done by R in 45 days?
(a) 70 % (b) 50 % (c) 56 % (d) 65 %

Q.52. Find the value of (7 + 33) × (44 ÷ 2) × (5 × 5).
(a) 25,000 (b) 21,000
(c) 22,000 (d) 22,500

Q.53. In an exam, out of total number of appeared students 93 percent students passed and 9275 students failed. What is the total number of students appeared in the exam?
(a) 132550 (b) 132500
(c) 135550 (d) 135500

Q.54. In one year, the average monthly expenditure of Sapna was Rs. 1100 for the first 3 months of the year, Rs. 1000 for the next 5 months and Rs. 1200 for the last 4 months. If the total annual saving was Rs. 1300, then what was sapna's average monthly income?
(a) Rs. 1250 (b) Rs. 1270
(c) Rs. 1210 (d) Rs. 1200

Q.55. The simple interest received on a sum for 40 years is $\frac{2}{5}$ of the sum. What is the annual rate of interest?
(a) 1.5 percent (b) 1 percent
(c) 2 percent (d) 3 percent

Q.56. Both A and B sells their watch at the rate of Rs. 5000 per watch. A earned a profit of 25 percent while B incurred a loss of 10 percent. What is the ratio of cost prices of A and B?
(a) 18 : 25 (b) 17 : 20
(c) 16 : 25 (d) 9 : 10

Q.57. Two trains are running in opposite direction with the same speed. If the length of each train is 320 metres and they cross each other in 18 seconds, then what is the speed of each train?
(a) 48 km/hr (b) 64 km/hr
(c) 72 km/hr (d) 56 km/hr

Q.58. The ages of 7 men in a cricket team are 26, 25, 21, 29, 24, 28 and 22. What is their average age?
(a) 24 (b) 22 (c) 25 (d) 23

Q.59. If M : N = 9 : 6, then what is the value of (M + N) : (M - N) ?
(a) 5 : 1 (b) 1 : 5 (c) 5 : 4 (d) 5 : 2

Q.60. Marked price of a chair is Rs. 2000. After giving two successive discounts of 20 percent and x percent, the chair is sold for Rs. 1400. What is the value of x ?
(a) 25 percent (b) 10 percent
(c) 20 percent (d) 12.5 percent

English

Q.61. Select the sentence with no spelling errors.
(a) I had to play melody while simultaneously playing harmony with him.
(b) I had to play melody while simultaneously playing harmuny with him.
(c) I had to play melodie while simultaneously playing harmony with him.
(d) I had to play melody while simultanously playing harmony with him.

Q.62. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
He often **changes plans** while doing his work. So, his tasks remain incomplete.
(a) In seventh heaven
(b) Change horses in midstream
(c) Break a leg
(d) Spill the beans

Q.63. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no error if there is no error in the sentence.
She is not as taller as her/ older brother, but she is/ equally skilled in basketball.
(a) She is not as taller as her
(b) equally skilled in basketball.
(c) older brother, but she is
(d) no error

Q.64. Four words are given, out of which only one word is spelt correct. Choose the correct spelt word.
(a) SUCCESFUL (b) RELEVENT
(c) SUPRISE (d) WITHHOLD

Q.65. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/words.
(a) I slipped the ramrod down it to make sure it was loaded, then I laid it across the turnip barrel, pointing towards pap.
(b) But the hope in his wisdom was at length changed into dred, for no one beleived him when he said he knew no charms.
(c) That made me pretty uneasy again, but only for a minute.
(d) He said he would watch out, and if they tried to come any such game on him he knew of a place six or seven mile off to stow me in

Q.66. Select the most appropriate option for the given blank.
My puns are usually greeted_____ loud applause by my friends.
(a) against (b) to (c) for (d) with

Q.67. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I <u>meet an homeless</u> person in New York.
(a) met an homeless
(b) will met a homeless
(c) No improvement
(d) met a homeless

Q.68. Choose the word that is opposite in meaning to the given word.
Antipathy
(a) Lament (b) Hate (c) Love (d) Fecund

Q.69. Fill in the blank with the most appropriate option.
Her mother is a wonderful host, she prepared for us a seven_____meal all by herself.
(a) coarser (b) course
(c) coarse (d) courser

Q.70. Select the most appropriate word to fill in the blank.
Mansa is not_____than Mamta.
(a) tallest (b) tall
(c) taller (d) more taller

Q.71. From the options given below choose the synonym (similar meaning)

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of the word:
Enervate
(a) Insecure (b) Desolation
(c) Devitalize (d) Secure

Q.72. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
My aunt has a petted Rhode Island Red rooster.
(a) have a pet (b) had a petting
(c) No improvement (d) has a pet

Q.73. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Have a good run
(a) To experience joy or success in some endeavour, but only for a limited period of time
(b) To escape from a prison
(c) A good amount of money
(d) A long journey

Q.74. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
And thereupon he sudden remembered / that he was not sleeping in his wife's room, but in his study, and the smile vanished from his face.
(a) and the smile vanished from his face.
(b) And thereupon he sudden remembered
(c) that he was not sleeping in his wife's room, but in his study,
(d) No error

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The health agency has encourage people around the world to wash their hands regularly.
(a) The health agency has encourage
(b) No error
(c) people around the world to
(d) wash their hands regularly.

Cloze Test :
Direction :- [Q .76. to Q .80.]
The causes of bipolar disorder aren't completely understood, but it often (76)_____to be hereditary. The first manic or depressive episode of bipolar disorder usually (77)_____ in the teenage years or early adulthood. The symptoms can be subtle and confusing; many people with bipolar disorder are overlooked or misdiagnosed-resulting in unnecessary (78) ____. Since bipolar disorder tends to worsen without treatment, it's important to learn (79) ____ the symptoms look like. Recognizing the problem is the first step to feeling better and getting your life back on (80)._____

Q.76. (a) appears (b) signs
(c) pings (d) injects

Q.77. (a) differs (b) dwindles
(c) occurs (d) turns

Q.78. (a) blunder (b) caressing
(c) suffering (d) chaos

Q.79. (a) where (b) what
(c) which (d) why

Q.80. (a) time (b) system
(c) platform (d) track

Answer Key :-

1.(b)	2.(b)	3.(d)	4.(b)
5.(b)	6.(a)	7.(b)	8.(d)
9.(d)	10.(a)	11.(c)	12.(a)
13.(d)	14.(d)	15.(d)	16.(b)
17.(a)	18.(a)	19.(a)	20.(c)
21.(c)	22.(c)	23.(b)	24.(b)
25.(b)	26.(a)	27.(a)	28.(b)
29.(a)	30.(b)	31.(c)	32.(d)
33.(a)	34.(c)	35.(b)	36.(c)
37.(b)	38.(d)	39.(a)	40.(c)
41.(c)	42.(d)	43.(c)	44.(a)
45.(a)	46.(a)	47.(d)	48.(d)
49.(b)	50.(a)	51.(b)	52.(c)
53.(b)	54.(d)	55.(b)	56.(a)
57.(b)	58.(c)	59.(a)	60.(d)
61.(a)	62.(b)	63.(a)	64.(d)
65.(b)	66.(d)	67.(d)	68.(c)
69.(b)	70.(c)	71.(c)	72.(d)
73.(a)	74.(b)	75.(a)	76.(a)
77.(c)	78.(c)	79.(b)	80.(d)

Solutions :-

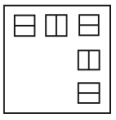
Sol.1.(b) The correct dictionary order is :
4. Dead → 3. Deal → 2. Dean → 1. Dear → 5. Death

Sol.2.(b)

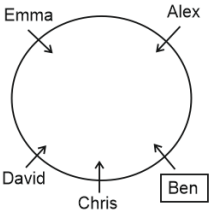


Sol.3.(d) The relationship between, "Bicycle: Pedal," is that a pedal is a part of a bicycle used to propel it forward. Similarly, the wheel is the part of a car that is crucial for its movement and direction.

Sol.4.(b)

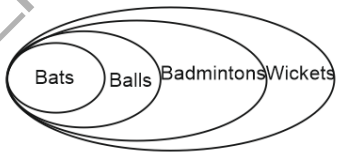


Sol.5.(b)



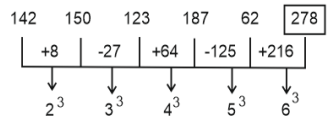
Sol.6.(a) Given :- 28 + 12 - 21÷ 7 × 4 = 60
After interchanging × and - , option a satisfies the equation.we get
28 + 12 × 21÷ 7 - 4
28 + 12 × 3 - 4
28 + 36 - 4 = 60.

Sol.7.(b)

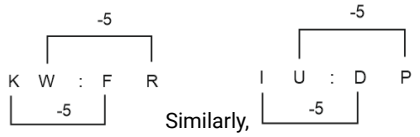


Clearly, both conclusions I and II follow.

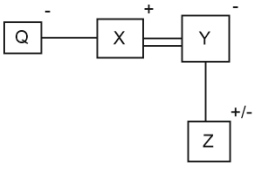
Sol.8.(d)



Sol.9.(d)

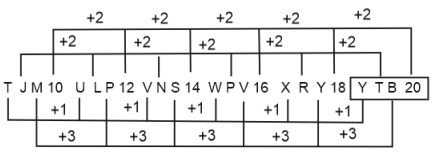


Sol.10.(a)



Clearly, Q is Z's father's sister.

Sol.11.(c)



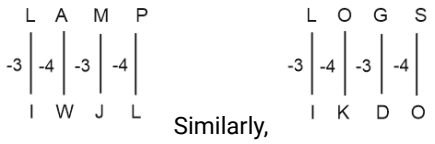
Sol.12.(a)



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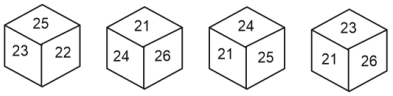
Sol.13.(d)



Similarly,

Sol.14.(d) FORCE **— 8305**2
FORUM **— 0895**7
Clearly, Code of CE is 32,
Now, GAM**E**S — 4**2**761
FORC**E** — 8305**2,**
Code for E is 2, so code of C is 3.

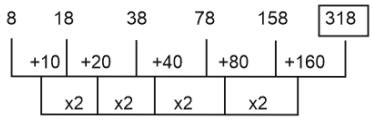
Sol.15.(d)



In figure (2) and figure (4), we see 21 and 26 are common,
So, 23 and 24 are opposite to each other.
Hence, **24** is opposite to 23.

Sol.16.(b) jklmno / jklmno / j**k**lmno / jk**l**m**n**o / jklmn**o**

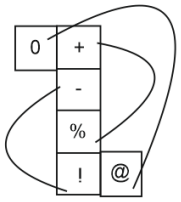
Sol.17.(a)



Sol.18.(a)



Sol.19.(a) We know that opposite face cannot come adjacent.



Opposite faces are
+ ↔ % , – ↔ ! , 0 ↔ @
They are opposites and cannot come adjacent.
In fig (a) + and % are adjacent so it is wrong.

Sol.20.(c) Given :- 8 × 9 ÷ 4 + 5 - 3 = 2
After checking all the options option (c) satisfied. After interchanging 3 and 9 we get
8 × 3 ÷ 4 + 5 - 9
6 + 5 - 9 ⇒ 6 - 4 = 2
L.H.S. = R.H.S.

Sol.21.(c) M.S. Subbulakshmi. Her awards: Bharat Ratna (1998), Padma Vibhushan (1975), Padma Bhushan (1954), Sangeet Natak Akademi Award for Carnatic Music - Vocal (1956). Bharat Ratna Award was instituted in 1954.

Sol.22.(c) Surupa Sen. Sangeet Natak Akademi Award: Aruna Mohanty (2010, Odissi Dancer), Akham Lakshmi Devi (2018, Manipuri Dancer). Elam Endira Devi {Padma Shri (2014), Manipuri Dancer}. Sangeet Natak Akademi Award was established in 1952.

Sol.23.(b) 6-14. According to Part IVA of the Indian Constitution, specifically Article 51A(k), the duty to provide educational opportunities to children was added by the 86th Amendment Act of 2002. The Swaran Singh Committee recommended the inclusion of Fundamental Duties, which were originally added through the 42nd Amendment Act of 1976.

Sol.24.(b) Indus Script. It is also known as the Harappan script and the Indus Valley Script, is a corpus of symbols produced by the Indus Valley Civilisation. Sumerian cuneiform and Egyptian hieroglyphs are generally considered the earliest true writing systems.

Sol.25.(b) One-third (106th Amendment Act). The first constitutional amendment in India was introduced in 1951. Article 79 of Indian Constitution, the House of the People, the Lok Sabha is the lower House of the parliament. State Legislature (Article 168 - 212) comprises Legislative Assembly and Legislative Council.

Sol.26.(a) Lucknow. Pandit Birju Maharaj (Awards): Padma Vibhushan (1986), Sangeet Natak Akademi Award (1964), Kalidas Samman (1987). Famous Kathak personalities: Janaki Prasad (Benaras Gharana), Ishwari Prasad (Lucknow Gharana), Shambhu Maharaj (Lucknow Gharana), Raja Chakradhar Singh (Raigarh Gharana).

Sol.27.(a) 1997. World Athletics was formerly known as the International Amateur Athletic Federation and International Association of Athletics Federations (IAAF). It is the international governing body for the sport of athletics, covering track and field, cross country running, road running, race walking, mountain running, and ultra running. Formation - 1912. Headquarters - Monaco. President (as of July 2024) - Sebastian Coe.

Sol.28.(b) NITI Aayog (National Institution for Transforming India) **:** Formed - 1 January 2015. Headquarters - New Delhi, Chairperson - Prime Minister. Other institutions: Planning Commission - (15 March 1950, New Delhi), National Bank for Agriculture and Rural Development (NABARD) - (12 July 1982, Mumbai), Reserve Bank of India (RBI) - (1 April 1935, Mumbai), Securities and Exchange Board of India (SEBI) - (12 April 1988, Mumbai).

Sol.29.(a) Varli and Kokna (Western India). India Tribal Festivals: Madai Festival (Gond tribe), Nagaji Festival (Bhil tribe), Bhagoriya festival (Bhil and Bhilala tribes), Karma festival (Oraon, Munda tribe).

Sol.30.(b) Hockey. The Rangaswami Cup was first held in 1928 as an Inter-Provincial Tournament to select players for the national team for the Olympics. Other Hockey Trophies and Cups - Agha Khan Cup, Dhyan Chand Trophy, Azlan Shah Cup, Indira Gandhi Gold Cup.

Sol.31.(c) Department for Promotion of Industry and Internal Trade (DPIIT) - A central government department under the Ministry of Commerce and Industry in India. Open Network for Digital Commerce (ONDC) **:** It is a tech-based initiative to transform the way e-commerce functions in the country by enabling e-commerce through an open protocol based on open-source specifications. Founded - 31 December 2021.

Sol.32.(d) M3. M3 is the most commonly used measure of money supply, also referred to as aggregate monetary resources. M1 and M2 are known as narrow money, while M3 and M4 are classified as broad money. M1 is the most liquid and easiest for transactions, whereas M4 is the least liquid. M0, also known as Reserve money or high-powered money, represents the base money in the economy.

Sol.33.(a) 1977. The Central Statistical Organization (CSO) conducted the first economic census in collaboration with the Directorate of Economics & Statistics (DES) in the States/Union Territories, except Lakshadweep. The Seventh economic census was conducted in 2019.

Sol.34.(c) Jyotirao Phule was an Indian social activist, businessman, anti-caste social reformer and writer from Maharashtra. Satyashodhak Samaj:

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Formation - 24 September 1873, Founded at - Pune (Maharashtra), Purpose - Advocating the rights of women, peasants, and Dalits. Women's Wing President - Savitribai Phule.

Sol.35.(b) Ravneet Kaur. The Competition Commission of India (CCI) is a statutory body of the Government of India responsible for enforcing the Competition Act, 2002, it was duly constituted in March 2009. The Commission consists of one Chairperson and six Members, all appointed by the Central Government. Its headquarters are in New Delhi.

Sol.36.(c) 63. Dmitri Mendeleev was a Russian chemist who is famous for developing the Periodic Table. Mendeleev's periodic law: The physical and chemical properties of the elements are the periodic function of their atomic masses.

Sol.37.(b) prescribes a very difficult procedure for removal of judges. A judge of the Supreme Court or High Court can be removed only on the ground of proved misbehaviour or incapacity. A motion containing the charges against the judge must be approved by a special majority in both Houses of Parliament. Under Article 124(4) of the Constitution, a judge of the Supreme Court, and under Article 217, a judge of the High Court, can be removed from office by an order of the President.

Sol.38.(d) Neither I nor II. In badminton singles, the server always serves from the right service court when his/her score is even and in case of odd, he/she serves from the left service court. This rule ensures that both players get an equal chance to serve from both sides of the court. Badminton Tournaments: Sudirman Cup, Thomas Cup, Uber Cup, All England Open Badminton Championships, BWF World Championships.

Sol.39.(a) Chief Minister of UP (Yogi Adityanath)**.** The Bharat Ratna Dr. Ambedkar Award is an annual award presented to individuals who have made significant contributions to society in the areas of education, social welfare, and economics, in the spirit of Dr. B.R. Ambedkar. The award was instituted in 1996 by the Government of Maharashtra, and it is presented every year on his birth anniversary. The award carries a cash prize and a citation.

Sol.40.(c) Population Census (once in every 10 years)**.** First Non-synchronous Census was conducted in India in 1872 during the reign of Governor-General Lord Mayo. First Synchronous Census was taken under British rule on February 17, 1881, by W.C. Plowden (Census Commissioner of India).

Sol.41.(c) [41× {36 of 4 ÷ (96 of 2 ÷ 24)}]
[41 × {144 ÷ (192 ÷ 24)}]
[41 × {144 ÷ 8}] ⇒ [41 × 18] = 738

Sol.42.(d) P : Q : R = $\frac{1}{2}$: 4 : $\frac{3}{2}$ = 1 : 8 : 3

Share of R = $\frac{3}{1+8+3}$ × 7200 = 1800

Sol.43.(c)
Total CP of bat = 2320 + 180 = ₹2500
SP of bat = ₹2400

loss% = $\frac{2500-2400}{2500}$ × 100 = $\frac{100}{25}$ = 4%

Sol.44.(a)
As we know, Area = length × width

Width ∝ $\frac{1}{length}$ (when area is same)

	Old		New
Length	7	:	8
Width	8	:	7

Required % = $\frac{8-7}{8}$ × 100 = $\frac{100}{8}$

= 12.5%

Sol.45.(a) Maximum number of fruits = HCF of (44, 121, 11) = 11
Minimum no of rows to arrange fruits

= $\frac{44}{11}$ + $\frac{121}{11}$ + $\frac{11}{11}$ = 4 + 11 + 1 = 16

Sol.46.(a) Let the sum be P
As for a fixed time period, sum gets multiplied by the same factor.

P ——10yrs—— 2P ——10 yrs—— 4P

Hence, In 20 years, the amount gets 4 times itself.

Sol.47.(d) Let the maximum marks in the test be 100
75% - 60% = 30 ⇒ 15% = 30

Then 100% = $\frac{30}{15}$ × 100 = 200

Sol.48.(d) {(175 × 72 ÷ 24 + 5) × 20} ÷ 2
⇒ {(175 × 3 + 5) × 20} ÷ 2
⇒ {530 × 20} ÷ 2 = 5300

Sol.49.(b)
Time taken by Rakhi to complete the whole work = 8 × 10 = 80 days
Ratio of efficiency of Poonam and Rakhi = 6 : 5
Total work = 5 × 80 = 400 unit
Remaining work = 400 × 90% = 360 unit
Time taken by both to complete the remaining work = $\frac{360}{6+5}$ = $\frac{360}{11}$ days

Sol.50.(a)

MP of the article = 5175 × $\frac{100}{75}$ = ₹6900

Sol.51.(b)
Work ∝ Time (when efficiency is same)
Ratio of work done by R = 90 : 45 = 2 : 1

Required % = $\frac{1}{2}$ × 100 = 50%

Sol.52.(c) (7 + 33) × (44 ÷ 2) × (5 × 5)
40 × 22 × 25 = 22000

Sol.53.(b) Let the total no of students appeared in the exam be 100%
ATQ,
100 - 93 = 7% ---------- 9275

100% ---------- $\frac{9275}{7}$ × 100 = 132500

Sol.54.(d) Total expenditure of Sapna
= 1100 × 3 + 1000 × 5 + 1200 × 4 = 13100
Total saving = 1300
Average monthly income of Sapna

= $\frac{13100+1300}{12}$ = $\frac{14400}{12}$ = ₹1200

Sol.55.(b) ATQ,

P × 40 × $\frac{R}{100}$ = $\frac{2}{5}$P

$\frac{2}{5}$R = $\frac{2}{5}$ ⇒ R = 1%

Sol.56.(a) ATQ,
125% × A = 90% of B

$\frac{A}{B}$ = $\frac{90}{125}$ = $\frac{18}{25}$

Sol.57.(b) Total length of both trains = 320 × 2 = 640 m
Let the speed of each train be x m/sec
Relative speed of train running in opposite direction = $x + x = 2x$
$2x$ × 18 = 640 ⇒ 36x = 640

x = $\frac{640}{36}$ m/sec = $\frac{640}{36}$ × $\frac{18}{5}$ = 64 km/hr

Sol.58.(c) Average age

= $\frac{26+25+21+29+24+28+22}{7}$

= $\frac{175}{7}$ = 25

Sol.59.(a) (M + N) : (M - N)
= (9 + 6) : (9 - 6) = 15 : 3 = 5 : 1

Sol.60.(d) ATQ,

2000 × $\frac{80}{100}$ × x = 1400

1600x = 1400 ⇒ x = $\frac{1400}{1600}$ = $\frac{7}{8}$

Required% = $\frac{8-7}{8}$ × 100 = $\frac{100}{8}$ = 12.5%

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Sol.61.(a) I had to play melody while simultaneously playing harmony with him.
'Melody', 'simultaneously' and 'harmony' are the correct spellings.

Sol.62.(b) Change horses in midstream - To change leaders or adopt a different strategy in the middle of a course of action.

Sol.63.(a) She is not as taller as her
'Taller' must be replaced with 'tall' as we use the positive degree of adjective or adverb with the structure 'as…as'. Hence, 'she is not as tall as her' is the most appropriate answer.

Sol.64.(d) WITHHOLD
'WITHHOLD' is the correct spelling.

Sol.65.(b) But the hope in his wisdom was at length changed into dred, for no one beleived him when he said he knew no charms.
'Believed' is the correct spelling.

Sol.66.(d) with
'With' is the fixed preposition used after the verb 'greet'. Hence, 'with' is the most appropriate answer.

Sol.67.(d) met a homeless
The sentence is in past tense, so the past form of the verb will be used (met). Article 'A' is used before the words starting with a consonant sound (homeless). Hence, 'met a homeless' is the most appropriate option.

Sol.68.(c) Love - deep affection or strong feeling of attachment towards someone or something.
Antipathy - strong dislike towards someone or something.
Lament - expression of grief, sorrow, or regret.
Hate - intense feeling of dislike or hostility towards someone or something.
Fecund - able to produce offspring or fertile.

Sol.69.(b) course
'Course' means a specific set of food items served together during a meal. The given sentence states that her mother is a wonderful host, she prepared for us a seven course meal all by herself. Hence, 'course' is the most appropriate answer.

Sol.70.(c) taller
The given sentence needs a comparative degree adjective and 'taller' is the correct comparative form of the adjective 'tall'. Hence, 'taller' is the most appropriate answer.

Sol.71.(c) Devitalize - to make someone or something weak or lacking energy.
Enervate - to drain someone's energy or strength, causing weakness or exhaustion.
Insecure - not feeling confident or safe, having doubts or uncertainties.
Desolation - a state of emptiness, loneliness, or sadness.
Secure - free from danger or threat.

Sol.72.(d) has a pet
The given sentence needs an adjective 'pet' to qualify the noun 'rooster'. We can not use the past participle form 'petted' as there is an article after the verb 'has'. Hence, 'has a pet' is the most appropriate answer.

Sol.73.(a) Have a good run- To experience joy or success in some endeavour, but only for a limited period of time.
E.g. - The team had a good run in the tournament, winning several matches in a row before facing tougher competition.

Sol.74.(b) And thereupon he sudden remembered
'Sudden' is an adjective, but we need an adverb to describe how he remembered, not what kind of memory it was. 'Suddenly' is the correct adverb to use in this sentence. Hence, 'and thereupon he suddenly remembered' is the most appropriate answer.

Sol.75.(a)
The health agency has encourage
Has/have/had is always followed by the third form of the verb. The past participle form of 'encourage' is 'encouraged'. Hence, 'the health agency has encouraged' is the most appropriate answer.

Sol.76.(a) appears
The given passage states that the causes of bipolar disorder aren't completely understood, but it often appears to be hereditary. Hence, 'appears' is the most appropriate answer.

Sol.77.(c) occurs
'Occurs' means to happen or take place. The given passage states that the first manic or depressive episode of bipolar disorder usually occurs in the teenage years or early adulthood. Hence, 'occurs' is the most appropriate answer.

Sol.78.(c) suffering
'Suffering' means pain, distress, or hardship experienced physically, mentally, or emotionally. The given passage states that many people with bipolar disorder are overlooked or misdiagnosed-resulting in unnecessary suffering. Hence, 'suffering' is the most appropriate answer.

Sol.79.(b) what
The structure "What … like" is used to ask for a description of something, such as their appearance, their characteristics, their behaviour, etc. The given passage talks about knowing the appearance of symptoms. Hence, 'what' is the most appropriate answer.

Sol.80.(d) track
The phrase 'back on track' means to return to a normal state after experiencing difficulties. The given passage states that recognizing the problem is the first step to feeling better and getting your life back on track. Hence, 'track' is the most appropriate answer.

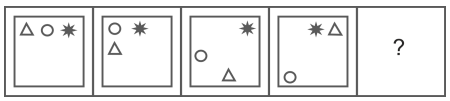
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SSC GD Constable 20/02/2024 (2nd Shift)

Reasoning

Q.1. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 

(c)  (d) 

Q.2. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
ghijkg_ijkg_ijk_hijkghij_
(a) hhgk (b) kgih (c) ijkg (d) hghg

Q.3. A is the father of B. B is the brother of C. C is the husband of D. D is the sister of E. E is the mother of F. F is the wife of G.
How many male are there in the family ?
(a) 4 (b) 3 (c) 2 (d) 1

Q.4. Five colleagues Zoe, Aaron, Ben, Chloe, and Daniel are sitting on a circular table facing the center. Zoe is sitting to the immediate left of Aaron. Chloe is sitting next to Zoe. Daniel is sitting to the immediate right of Aaron. Who is sitting to the immediate left of Zoe ?
(a) Daniel (b) Ben (c) Chloe (d) Aaron

Q.5. Eight persons from Reena, Kavita, Raman, Umesh, Rohit, Vikas, Monika and Priya sit around a square table such that two persons sit on each of the sides. All the persons are sitting facing the centre of the table. Reena sits on the immediate right of Rohit and they both sit on the same side. Monika faces the one who is second to the left of Kavita. Monika is sitting fourth to the right of Reena. Two persons sit between Vikas and Umesh (when counted from one side only) and Umesh is adjacent to Rohit. Only one person sits between Monika and Raman (when counted from one side only). Who is sitting second to the left of Raman ?
(a) Rohit (b) Reena (c) Monika (d) Priya

Q.6. If 40 A 10 B 8 C 15 = 65 and 15 A 30 B 9 C 20 = 70, then 7 A 9 B 3 C 8 = ?
(a) 31 (b) 20 (c) 35 (d) 29

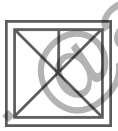
Q.7. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
NRT, MQS, LPR, KOQ, ?
(a) KLR (b) MNP (c) JNP (d) JKL

Q.8. In a certain code language, 'TDG' is coded as '1680', 'BHI' is coded as '432'. What is the code for 'KCE' in that code language ?
(a) 495 (b) 465 (c) 425 (d) 520

Q.9. Arrange the given words in the sequence in which they occur in the dictionary.
1. Let 2. Lethargy 3. Letter
4. Lethal 5. Lest
(a) 51243 (b) 15234
(c) 15324 (d) 51423

Q.10. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is not allowed)

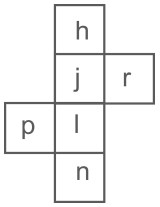


(a)  (b) 

(c)  (d) 

Q.11. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
ANT : ANTHILL :: DUCK : POND :: HORSE : ?
(a) DEN (b) KENNEL
(c) BEEHIVE (d) STABLE

Q.12. On folding the given die, which letter will be opposite to the letter 'n' ?



(a) j (b) r (c) h (d) p

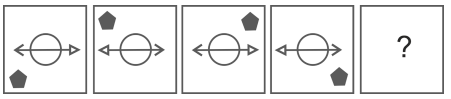
Q.13. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows the given statements.
Statements :
I. Some H are R.
II. No P are H.
Conclusions :
I. Some P are H.
II. Some R are not P.
(a) Neither conclusion follows
(b) Only conclusion II follows
(c) Only conclusion I follows
(d) Both conclusions I and II follows

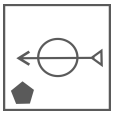
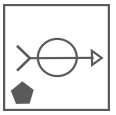
Q.14. In a certain code language, 'TOWARD' is coded as '962147', 'WANTED' is coded as '213957'. What is the code for 'WARRANT' in that code language ?
(a) 2144139 (b) 2133129
(c) 2144129 (d) 2145129

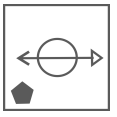
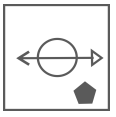
Q.15. By interchanging which two signs and two numbers the equation will be correct ?
$8 \div 4 \times 6 + 3 - 9 = 1$
(a) + and ×, 4 and 6 (b) × and +, 4 and 9
(c) × and ÷, 8 and 9 (d) + and −, 6 and 9

Q.16. In the following question, select the missing number from the given series.
2673, 891, 297, 99,?, 11
(a) 10 (b) 23 (c) 33 (d) 43

Q.17. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 

(c)  (d) 

Q.18. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster and the second letter cluster is related to the first letter cluster.
TEA : ZBDFSU :: SIN : MOHJRT :: RIO : ?
(a) NPHJQS (b) SQJHPN
(c) SUDFZB (d) BDSHFK

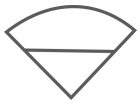
Q.19. In the following question, select the missing number from the given series.
0, 1, 5, 14, 30, ?
(a) 55 (b) 57 (c) 66 (d) 69

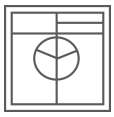
Q.20. From the given option figures, select the one in which the question

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figure is hidden/embedded. (rotation is not allowed)



(a)  (b) 

(c)  (d) 

General Awareness

Q.21. The Nehru Trophy competition near Alappuzha, held on the second Saturday of August every year, is the most competitive and popular of the _____ category.
(a) badminton (b) basketball
(c) boat races (d) horse races

Q.22. The Sangeet Natak Akademi is India's national academy for music, dance and drama. It was created by a resolution of the (then) _____ .Government of India, in 1952 with Dr P.V. Rajamannar as its first Chairman.
(a) Ministry of Transportation
(b) Ministry of Art
(c) Ministry of Education
(d) Ministry of dances

Q.23. The loudness of sound is measured in which unit ?
(a) Decibel (dB)
(b) Watt/sq . Metre (w / (m^2)
(c) Hertz (Hz)
(d) Sound intensity

Q.24. Famous book Arthashastra tells us that the north-west was important for blankets, and ___for its gold and precious stones during the Mauryan period.
(a) south India (b) west India
(c) north India (d) east India

Q.25. In which of the following states of India is the festival Bonalu celebrated ?
(a) West Bengal (b) Tamil Nadu
(c) Assam (d) Telangana

Q.26. Which of the following is function of the Reserve Bank of India ?
I. Issuing of currency
II. Lender of last resort
(a) Only II (b) Both I and II
(c) Only I (d) Neither I nor II

Q.27. _____ partners with DAY-NULM towards empowering women entrepreneurs in June 2023.
(a) UNGA (b) UNESCO
(c) UNDP (d) WHO

Q.28. Which of the following is NOT one of the criteria to measure deprivations in the Socio-Economic and Caste Census (SECC) 2011 conducted by the government of India ?
(a) Households with no adult female aged 15-59
(b) Households with differently-abled members
(c) Households with only one room with no solid walls and roof
(d) Households with no able bodied members

Q.29. Which former SC judge has been appointed as the Governor of Andhra Pradesh ?
(a) Sanjay Kishan Kaul
(b) S Abdul Nazeer
(c) Sanjiv khanna
(d) Bhushan Ramkrishna Gavai

Q.30. After independence, India launched its First FYP in 1951, under ____influence of first Prime Minister Jawaharlal Nehru.
(a) socialist
(b) capitalist
(c) Authoritarian capitalism
(d) Anarchism

Q.31. In India, subject to the provisions of article 333, the Legislative Assembly of each State shall consist of not more than _____ members.
(a) four hundred (b) six hundred
(c) five hundred (d) three hundred

Q.32. In which year was the Treaty of Amritsar signed ?
(a) 1810 (b) 1809 (c) 1808 (d) 1811

Q.33. Name the Indo-Persian Dance form from Uttar Pradesh.
(a) Kathak (b) Garba
(c) Chhau (d) Kathakali

Q.34. Pannalal Ghosh is famous for which musical instrument ?
(a) Shehnai (b) Tabla
(c) Ghatam (d) Flute

Q.35. Who has been appointed as the second Chief of Defence Staff (CDS) in India ?
(a) Admiral R Hari Kumar
(b) General Manoj Pande
(c) General Manoj Mukund Naravane
(d) Lt General Anil Chauhan

Q.36. Which of the following terms is NOT related with cricket ?
I. Eagle II. Basket
(a) Neither I nor II (b) Only I
(c) Only II (d) Both I and II

Q.37. Which sport is played by the Indian sportsperson Leander Paes ?
(a) Badminton (b) Table Tennis
(c) Cricket (d) Lawn Tennis

Q.38. A __tank called the NITI Aayog was established to advise the government.
(a) ethical think (b) social think
(c) religious think (d) policy think

Q.39. The Constituent Assembly adopted the constitution of India on _____ .
(a) 24th January 1950
(b) 26th November 1949
(c) 26th January 1950
(d) 15th August 1947

Q.40. As per Census-2011, Which of the following states have the highest female literacy rate ?
(a) West Bengal (b) Tripura
(c) Kerala (d) Mizoram

Quantitative Aptitude

Q.41. The simple interest received on a sum for 5 years is $\frac{2}{5}$ of the sum. What is the annual rate of interest ?
(a) 12 percent (b) 10 percent
(c) 8 percent (d) 9 percent

Q.42. The price of 3 notebooks and 6 pen is Rs. 3000. With the same money one can buy a notebooks and 12 pen. Raju wants to buy 15 pen, how much will he have to pay ?
(a) Rs. 3000 (b) Rs. 3500
(c) Rs. 2000 (d) Rs. 2500

Q.43. The average of five numbers is 32. If one number is removed, then the average becomes 28. What is the removed number ?
(a) 48 (b) 52 (c) 47 (d) 49

Q.44. If 72 binders can bind 720 books in 22 days, how many binders will be required to bind 660 books in 12 days ?
(a) 121 (b) 120 (c) 123 (d) 124

Q.45. Rs. 8400 is divided among P, Q and R in the ratio of $\frac{2}{3}$: 3 : $\frac{1}{3}$ respectively. What is the share of R ?
(a) Rs. 700 (b) Rs. 1400
(c) Rs. 900 (d) Rs. 18000

Q.46. 25 percent of 20 percent of a number is equal to 250. What is the 35 percent of that number ?
(a) 1750 (b) 1650 (c) 1560 (d) 1570

Q.47. Find the maximum number of

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students among whom 1003 chocolates and 2703 candies can be distributed such that each student gets the same number of each.
(a) 17 (b) 29 (c) 19 (d) 33

Q.48. Selling price of a table is Rs. 6875. If profit percentage is 25 percent, then what is the cost price of table ?
(a) Rs. 5500 (b) Rs. 5000
(c) Rs. 6400 (d) Rs. 5200

Q.49. The marked price of an article is 60 percent more than its cost price. If 20 percent discount is given, then what will be the profit percentage ?
(a) 33 % (b) 34 % (c) 28 % (d) 30 %

Q.50. What is the curved surface area of a cylinder having radius of base as 70 cm and height as 14 cm ?
(a) 5930 cm^2 (b) 6420 cm^2
(c) 6350 cm^2 (d) 6160 cm^2

Q.51. Rs. 9000 is lent at the rate of 80 percent per annum on compound interest (compounded half yearly). What will be the compound interest of 12 months ?
(a) Rs. 9000 (b) Rs. 8760
(c) Rs. 8700 (d) Rs. 8640

Q.52. What is the value of $(0.1)^2 + (0.01)^2$?
(a) 0.0101 (b) 0.111
(c) 0.005 (d) 1.101

Q.53. If the cost price of 6 pens is the same as the selling price of 5 pens, find the profit/loss percentage.
(a) 20% loss (b) 20% profit
(c) 10% profit (d) 10% loss

Q.54. A trader marks his goods 50% above the cost price and offers a discount of 20%. What is the percentage profit the trader makes after offering the discount ?
(a) 12% (b) 10% (c) 20% (d) 18%

Q.55. The product of two numbers is 720 and their Highest Common Factor is 4. What is the Least Common Multiple of these numbers ?
(a) 180 (b) 240 (c) 480 (d) 120

Q.56. Radius of a sphere is increased by 50 percent. What will be the percentage increase in its volume ?
(a) 225.5 percent (b) 237.5 percent
(c) 235.5 percent (d) 150 percent

Q.57. If 45 percent of X is equal to 15 percent of Y, then what is the value of X:Y?
(a) 3 : 1 (b) 1 : 4 (c) 3 : 2 (d) 1 : 3

Q.58. What will be the average of all the prime numbers before 32 ?
(a) 14.54 (b) 15.60 (c) 13.26 (d) 17.82

Q.59. Swapnil can build a sofa in 16 days. Working together with Revathi he can finish the work in $\frac{128}{17}$ days. Find the number of days taken by Revathi to complete the work if she works alone.
(a) $\frac{128}{9}$ (b) $\frac{128}{16}$ (c) $\frac{128}{17}$ (d) 6

Q.60. A train of length 384 metres crosses an electric pole in 12 seconds and crosses another train of the same length travelling in the opposite direction in 12 seconds. What is the speed of the second train ?
(a) 39 m/s (b) 45 m/s
(c) 25 m/s (d) 32 m/s

English

Q.61. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Do your better and avoid what others are saying about you.
(a) avoid what others are
(b) No error
(c) saying about you.
(d) Do your better and

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The toad lay in her lap breathing heavy.
(a) No error (b) in her lap
(c) The toad lay (d) breathing heavy.

Q.63. Select the most appropriate option for the given blank.
I have _____my mind after meeting her.
(a) Masked (b) Granted
(c) Replaced (d) Changed

Q.64. Choose the most appropriate antonym of the underlined word.
Visitors enter the train and sneak through its corridors and **opulent** interiors.
(a) lavish (b) scary
(c) economical (d) plush

Q.65. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
I was needing to buy a new pair of gloves.
(a) needed to bought (b) need to buy
(c) needs to buy (d) No improvement

Q.66. Select the most appropriate synonym of the given word.
Absolute
(a) Bounded (b) Complete
(c) Divine (d) Final

Q.67. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
I have never seen someone so easily scared. She is **so nervous**.
(a) In seventh heaven
(b) Afraid of one's own shadow
(c) Spilled the beans
(d) Lost cause

Q.68. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Go with a bang
(a) Party like there's no tomorrow
(b) Decide according to the situation
(c) To go crazy
(d) Very exciting and successful

Q.69. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/words.
(a) Rosemary was from the middle of the middle class, catapulted by her mother onto the uncharted heights of Hollywood.
(b) They had been two days in Paris but actually they were still under the beach umbrella.
(c) He walked on choking and would have marched directly up into the other party, but Abe stopped him.
(d) This reproach of my dependance had become a vague sing-song in my ear.

Q.70. Select the most appropriate word to fill in the blank.
With sales down, the company closed one factory down and reduced _____ workforce at another.
(a) an (b) the (c) a (d) No article

Q.71. Choose the word that is opposite in meaning to the given word.
Aqueous
(a) Wet (b) Hydrated
(c) Saturated (d) Arid

Q.72. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given. Presently Rosemary (seems to have know) those people herself in some deplorable past, and then got on to them and rejected them.
(a) seemed to have known

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(b) No correction required
(c) seemed to knew
(d) seem to know

Q.73. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Some analysts have began to advocate for strong government involvement in the development and regulation of cyber security standards for satellites.
(a) of cyber security standards for satellites.
(b) Some analysts have began to advocate for strong
(c) government t involvement in the development and regulation
(d) No error

Q.74. Select the sentence with no spelling errors.
(a) There was acute disharmony in the room, where a little time before there had been at least an outward show of harmonie.
(b) There was acute disharmony in the room, where a litle time before there had been at lest an outward show of harmony.
(c) There was acute disarmony in the room, where a little time before there had been at least an outward show of harmony.
(d) There was acute disharmony in the room, where a little time before there had been at least an outward show of harmony.

Q.75. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
If you don't water your houseplants, they <u>will dies</u>.
(a) will die (b) will death
(c) No improvement (d) shall dies

Cloze Test :
Direction :- [Q .76. to Q .80.]
Lions have large jaws and are capable of (76) ____up to 11 inches wide. They have long canine teeth which are used to (77) _____and kill their prey. Lions do not chew their food. Small incisors at the front of their mouth are used to grip the meat (78) _____their sharp carnasial teeth in the back of their mouth tear it into (79) _____they can swallow. In the wild male lions live to around 12 years of age, with females living to around 15 years of age, whereas in (80) _____they can live up to 25 years of age.

Q.76. (a) signing (b) standing
(c) jumping (d) opening

Q.77. (a) grasp (b) host
(c) loathe (d) remiss

Q.78. (a) Whilst (b) What
(c) Whence (d) As

Q.79. (a) divisions (b) hordes
(c) chunks (d) pecks

Q.80. (a) disaster (b) banality
(c) captivity (d) greenery

Answer Key :-

1.(a)	2.(a)	3.(a)	4.(c)
5.(b)	6.(d)	7.(c)	8.(a)
9.(d)	10.(c)	11.(d)	12.(a)
13.(b)	14.(a)	15.(c)	16.(c)
17.(c)	18.(a)	19.(a)	20.(b)
21.(c)	22.(c)	23.(a)	24.(a)
25.(d)	26.(b)	27.(c)	28.(a)
29.(b)	30.(a)	31.(c)	32.(b)
33.(a)	34.(d)	35.(d)	36.(d)
37.(d)	38.(d)	39.(b)	40.(c)
41.(c)	42.(a)	43.(a)	44.(a)
45.(a)	46.(a)	47.(a)	48.(a)
49.(c)	50.(d)	51.(d)	52.(a)
53.(b)	54.(c)	55.(a)	56.(b)
57.(d)	58.(a)	59.(a)	60.(d)
61.(d)	62.(d)	63.(d)	64.(c)
65.(b)	66.(b)	67.(b)	68.(d)
69.(d)	70.(b)	71.(d)	72.(a)
73.(b)	74.(d)	75.(a)	76.(d)
77.(a)	78.(a)	79.(c)	80.(c)

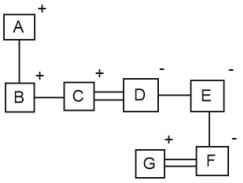
Solutions : -

Sol.1.(a)



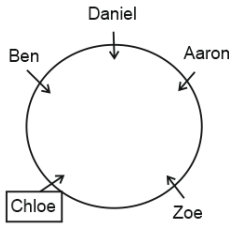
Sol.2.(a) ghijk / g**h**ijk / g**h**ijk / **g**hijk / ghij**k**

Sol.3.(a)

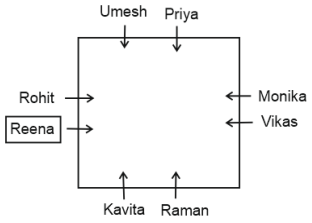


Clearly, there are 4 male members in the family.

Sol.4.(c)

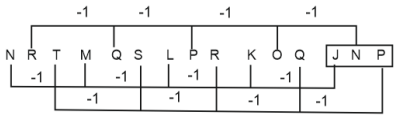


Sol.5.(b)



Sol.6.(d) Logic :- After replacing A, B and C with '×' , '÷' and '+' respectively we get
40 A 10 B 8 C 15 = 65
⇒ 40 × 10 ÷ 8 + 15 = 65
15 A 30 B 9 C 20 = 70
⇒ 15 × 30 ÷ 9 + 20 = 70
Similarly,
7 A 9 B 3 C 8 ⇒ 7 × 9 ÷ 3 + 8 = **29**

Sol.7.(c)



Sol.8.(a) Logic :- (Multiplication of place value of letters) × 3
TDG : 1680 :- (20 × 4 × 7) ⇒ (560)× 3 = 1680
BHI : 432 :- (2 × 8 × 9) ⇒ (144)× 3 = 432
Similarly,
KCE : ? :- (11 × 3 × 5) ⇒ (165) × 3 = 495

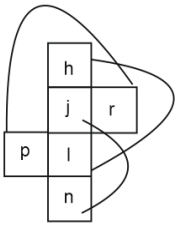
Sol.9.(d)
The correct dictionary sequence is :
Lest(5) → Let(1) → Lethal(4) → Lethargy(2) → Letter(3)

Sol.10.(c)



Sol.11.(d) As ants live in anthill, Ducks live in ponds, similarly, Horses live in Stable.

Sol.12.(a)

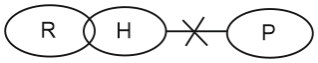


Opposite faces are
h ↔ l , j ↔ n , p ↔ r

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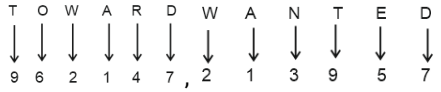
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Sol.13.(b)



Only conclusion ii follows.

Sol.14.(a) Logic :- Letters are directly coded as their respective number



Similarly,



Sol.15.(c) Given :- 8 ÷ 4 × 6 + 3 - 9 = 1

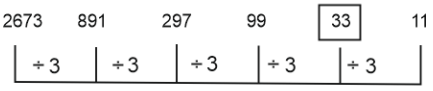
After going through all the options, option c satisfies.

After interchanging × and ÷ and 8 and 9 we get;

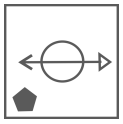
$9 \times 4 \div 6 + 3 - 8 \Rightarrow 6 + 3 - 8 = 1$

L. H.S. = R.H.S.

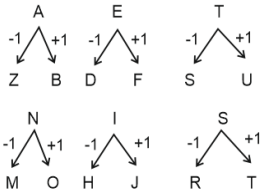
Sol.16.(c)



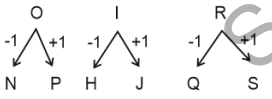
Sol.17.(c)



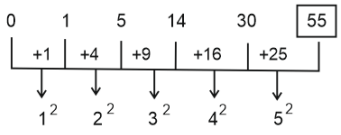
Sol.18.(a) Logic :- Reverse the letters of the word written on the left.



Similarly,



Sol.19.(a)



Sol.20.(b)



Sol.21.(c) boat races. The Nehru Trophy Boat Race takes place at Punnamada Lake, near Alappuzha. Other boat races in Kerala: Champakkulam Boat Race, Payippad Boat Race, Aranmula Boat Race, Kottapuram Boat Race, etc.

Sol.22.(c) Ministry of Education. The Sangeet Natak Akademi was created by a resolution of the Ministry of Education on 31 May 1952 and was officially notified in the Gazette of India in June 1952. The Akademi was inaugurated by the first President of India, Dr. Rajendra Prasad, on 28 January 1953. During its inauguration, Maulana Abul Kalam Azad was serving as the Union Minister for Education. At present, it comes under the Ministry of Culture.

Sol.23.(a) Decibel (dB). Other physical quantities and their Units: Joule - Unit of energy in the International System of Units, Hertz (Hz) - Unit for measuring frequency, Watt - Power, Newton - Weight or Force, Ampere - Current, Ohm - Resistance.

Sol.24.(a) South India. Arthashastra is an ancient Indian Sanskrit treatise that covers statecraft, economic policy, and military strategy. The author of Arthashastra was Kautilya, also known as Vishnugupta and Chanakya.

Sol.25.(d) Telangana. Bonalu is a Hindu festival dedicated to the worship of Goddess Mahakali. It is celebrated annually in Hyderabad, Secunderabad, and other parts of Telangana. Other festivals of Telangana : Peerla Panduga, Sammakka Saarakka Jaathara, and Bathukamma.

Sol.26.(b) Both I and II. The Reserve Bank of India (RBI) was established on April 1, 1935 in accordance with the provisions of the Reserve Bank of India Act, 1934. Headquarters : Mumbai. Other functions of the RBI : Banker's Bank, Banker of Government, Credit control.

Sol.27.(c) UNDP. The United Nations Development Programme (UNDP) and the Deendayal Antyodaya Yojana-National Urban Livelihoods Mission (DAY-NULM) entered into a collaborative partnership aimed at empowering women to make well-informed career choices in the field of entrepreneurship. This three-year project, extendable beyond 2025, aims to foster entrepreneurship development and enterprise growth, initially covering eight cities.

Sol.28.(a) The Socio-Economic and Caste Census (SECC) 2011 used the following deprivation indicators to measure socio-economic conditions:

(i) Households with only one room, kucha walls and kucha roof.

(ii) No adult member between the ages of 16 and 59.

(iii) Female headed households with no adult male members between 16 and 59.

(iv) Households with disabled members and no able bodied adult members.

(v) SC/ST households.

(vi) Households with no literate adult above 25 years.

(vii) Landless households deriving a major part of their income from manual casual labour.

Sol.29.(b) S Abdul Nazeer. The Governor of a State is appointed by the President for a five-year term and serves at the President's discretion. Only Indian citizens who are at least 35 years old are eligible for this position. The office of Governor in India is based on the Canadian model.

Sol.30.(a) Socialist. Five-Year Plans (FYPs) were centralised economic and social growth programs. Joseph Stalin, president of the erstwhile USSR, implemented the first Five-Year Plan in the late 1920s. India adopted the socialistic approach of planning through its Five-Year Plans, inspired by the economic planning model of the Soviet Union (USSR).

Sol.31.(c) five hundred. The Legislative Assembly of each State in India shall have no more than 500 and no fewer than 60 members, elected directly from territorial constituencies. Exceptions include Goa, Arunachal Pradesh, and Sikkim, each with 30 members; Mizoram with 40 members; and Nagaland with 46 members.

Sol.32.(b) 1809. The Treaty of Amritsar was signed between the British East India Company and Maharaja Ranjit Singh. This treaty established the Sutlej River as the boundary between British territories and the Sikh Empire.

Sol.33.(a) Kathak. Some important dances and their related states: Garba (Gujarat), Chhau (Jharkhand, West Bengal and Odisha, Kathakali (Kerala), Bharatnatyam (Tamil Nadu), Kuchipudi (Andhra Pradesh), Mohiniyattam (Kerala), Sattriya (Assam).

Sol.34.(d) Flute. Other Flute players in India: Hariprasad Chaurasia, Ronu Majumdar, Rajendra Prasanna, Pravin Godkhindi. Shehnai players: Bismillah Khan, Ali Ahmed Hussain Khan. Tabla players: Zakir Hussain, Kishan Maharaj, Alla Rakha. Ghatam player: Thetakudi

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Harihara Vinayakram.

Sol.35.(d) Lt. General Anil Chauhan. The post of Chief of Defence Staff (CDS) was created in 2019 on the recommendations of a defense expert committee headed by Lt. General D.B. Shekatkar. General Bipin Rawat was the first CDS of India.

Sol.36.(d) Both I and II. The term Eagle is related to Golf sports. The term "basket" is related to Basketball. Terminologies related to Cricket: Wicket, Bouncer, Batsman, Bowler, Century, All Out, All-rounder, Bye, Catch, etc.

Sol.37.(d) Lawn Tennis. Leander Paes was the first Indian who had won a Singles Bronze medal at the Atlanta Olympic Games in 1996. Awards: Rajiv Gandhi Khel Ratna award (1996–97), Arjuna Award (1990), Padma Shri award (2001). Other Indian Tennis players: Sania Mirza, Rohan Bopanna, Mahesh Bhupathi, and Ramanathan Krishnan (First Asian player to win the Wimbledon boys singles title in 1954).

Sol.38.(d) policy think. NITI Aayog (National Institution for Transforming India) was founded on January 1, 2015 by replacing the erstwhile Planning Commission. The Prime Minister of India is the ex-officio chairman of NITI Aayog.

Sol.39.(b) 26th November 1949. The Constitution of India was framed by the Constituent Assembly, constituted in 1946 under the Cabinet Mission Plan. The Assembly took 2 years, 11 months, and 18 days to complete the task. The Constitution came into force on 26th January 1950. The idea of a constituent assembly was first proposed in 1934 by M.N. Roy. Dr. Sachchidananda Sinha initially served as the temporary chairman of the Constituent Assembly, and subsequently, Dr. Rajendra Prasad was elected as the President of the Assembly.

Sol.40.(c) Kerala. According to the 2011 Census, Kerala also has the highest Male literacy rate among the states in India. It has the highest overall literacy rate, followed by Lakshadweep and Mizoram. Bihar has the lowest literacy rate in the country. The State with the largest gap in male and female literacy is Rajasthan.

Sol.41.(c) According to the question,

$P \times 5 \times \frac{R}{100} = \frac{2}{5}P$

$\Rightarrow \frac{1}{20}R = \frac{2}{5} \Rightarrow R = 8\%$

Sol.42.(a) Let the CP of notebook and pen be N and P respectively

ATQ,

3N + 6P = 3,000 --------- (1)

N + 12P = 3,000 --------- (2)

From equation(1) and (2) we have ;

$3N + 6P = N + 12P \Rightarrow 2N = 6P \Rightarrow N = 3P$

Putting N= 3P in equation(2) we have ;

$3P + 12P = 3{,}000 \Rightarrow 15P = 3{,}000$

So, the cost price of 15 pens = ₹3,000

Sol.43.(a) Removed no.

$= 32 + (32 - 28) \times 4 = 32 + 16 = 48$

Alternate :

Removed number = 32 × 5 - 28 × 4

= 160 - 112 = 48

Sol.44.(a) According to the question,

$\Rightarrow \frac{72 \times 22}{720} = \frac{x \times 12}{660} \Rightarrow \frac{11}{5} = \frac{x}{55}$

$\Rightarrow x = 121$

Sol.45.(a) P : Q : R = $\frac{2}{3} : 3 : \frac{1}{3}$ = 2 : 9 : 1

Share of R = $\frac{1}{2+9+1} \times 8400$ = ₹700

Sol.46.(a) 25% of 20% of x = 250

$\frac{1}{4} \times \frac{1}{5}x = 250 \Rightarrow x = 250 \times 20 = 5000$

So, 35% of 5000 = 1750

Sol.47.(a) Maximum no of students who got equal no of chocolates and candies = HCF of (1003, 2703) = 17

Sol.48.(a) 125% → 6875

100% → $\frac{6875}{125} \times 100$ = ₹5500

Sol.49.(c)

As we know, $\frac{MP}{CP} = \frac{100 + profit\%}{100 - discount\%}$

$\Rightarrow \frac{8}{5} = \frac{100 + P\%}{80} \Rightarrow 100 + P\% = 128$

$\Rightarrow P\% = 128 - 100 = 28\%$

Sol.50.(d) CSA of cylinder

$= 2\pi rh = 2 \times \frac{22}{7} \times 70 \times 14 = 6160\ cm^2$

Sol.51.(d) Rate compounded half yearly,

Then, rate = 40% , time = 2 cycle

CI for 12 months(or 1 yr)

$= (40 + 40 + \frac{40 \times 40}{100})\% = 96\%$

$\Rightarrow$ 96% of 9000 = ₹8640

Sol.52.(a)

$(0.1)^2 + (0.01)^2 = 0.01 + 0.0001 = 0.0101$

Sol.53.(b) According to the question,

$\Rightarrow 6\ CP = 5\ SP \Rightarrow \frac{CP}{SP} = \frac{5}{6}$

Required profit% = $\frac{6-5}{5} \times 100 = 20\%$

Sol.54.(c)

As we know, $\frac{MP}{CP} = \frac{(100 + profit)\%}{(100 - discount)\%}$

$\Rightarrow \frac{3}{2} = \frac{(100 + P\%)}{80} \Rightarrow 100 + P\% = 120$

$\Rightarrow P\% = 120 - 100 \Rightarrow P\% = 20$

Sol.55.(a) As we know, product of two no's = HCF × LCM

$\Rightarrow 720 = 4 \times LCM$

$\Rightarrow LCM = \frac{720}{4} = 180$

Sol.56.(b) $\Rightarrow$ Volume of sphere = $\frac{4}{3}\pi r^3$

$\Rightarrow V \propto r^3$

	Old	:	New
Radius	2	:	3
Volume	2^3	:	3^3 = 8 : 27

Required % change = $\frac{27-8}{8} \times 100$

$= \frac{19}{8} \times 100 = 237.5\%$

Sol.57.(d) 45% of X = 15% of Y

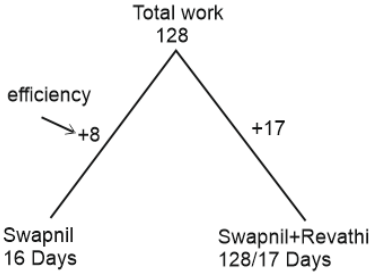
$\frac{X}{Y} = \frac{15}{45} = \frac{1}{3}$

Sol.58.(a) Prime no's up to 32 = 11 i.e.(2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31)

Average = $\frac{2+3+5+7+11+13+17+19+23+29+31}{11}$

$= \frac{160}{11} = 14.54$

Sol.59.(a)



Efficiency of Revathi = 17 - 8 = 9 unit

So, time taken by Revathi alone to complete the whole work = $\frac{128}{9}$ days

Sol.60.(d)

Speed of train = $\frac{384}{12}$ = 32 m/sec

Total length of both trains = 384 × 2

= 768 m

Relative speed of train travelling in opposite direction = (32 + x) m/sec

$(32 + x) = \frac{768}{12} = 64$

$x = 64 - 32 = 32$ m/s

Hence, speed of second train (x)

= 32 m/sec.

Sol.61.(d) Do your better

'Do your best' is a phrase which means to

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make your greatest effort possible. The given sentence states that you should do your best and avoid what others are saying about you. Hence, 'best' is the most appropriate answer.

Sol.62.(d) breathing heavy
'Heavy' is an adjective, but for the sentence we need an adverb "heavily" to describe the manner in which the toad is breathing. Hence, 'breathing heavily' is the most appropriate answer.

Sol.63.(d) Changed
The given sentence states that I have changed my mind after meeting her. Hence, 'changed' is the most appropriate answer.

Sol.64.(c) Economical - spending money or using something in a careful way that avoids waste.
Opulent - extremely wealthy, luxurious, or abundant in wealth and resources.
Lavish - characterized by spending or giving in large amounts.
Scary - causing fear or anxiety.
Plush - luxurious and expensive.

Sol.65.(b) need to buy
'Need' is a stative verb, so it can not be used in continuous tense. Instead, we will use simple present tense here. Hence, 'need to buy' is the most appropriate answer.

Sol.66.(b) Complete - whole.
Absolute - complete.
Bounded - limited or restricted within specific boundaries or parameters.
Divine - related to a god, supremely good, beautiful.

Sol.67.(b) Afraid of one's own shadow - very timid or nervous.

Sol.68.(d) Go with a bang - very exciting and successful.
E.g.- The party went with a bang, with everyone having a great time and enjoying the celebrations.

Sol.69.(d) This reproach of my dependance had become a vague sing-song in my ear.
'Dependence' is the correct spelling.

Sol.70.(b) the
Article 'the' is used for a particular person or a group of people. The given sentence talks about the workforce at the other company. Hence, 'the' is the most appropriate answer.

Sol.71.(d) Arid - very dry.
Aqueous - containing water.
Wet - covered with liquid or water.
Hydrated - having absorbed or retained water.
Saturated - completely soaked or filled with a substance.

Sol.72.(a) seemed to have known
"Has/have/had" is always followed by the third form of the verb. The past participle form of 'know' is 'known'. Hence, 'seemed to have known' is the most appropriate answer.

Sol.73.(b) Some analysts have began to advocate for strong
"Has/have/had" is always followed by the third form of the verb. The past participle form is 'begun'. Hence, 'Some analysts have begun to advocate for strong' is the most appropriate answer.

Sol.74.(d) There was acute disharmony in the room, where a little time before there had been at least an outward show of harmony.
'Disharmony ', 'little', 'least', 'harmony' are the correct spellings.

Sol.75.(a) will die
The first form of the verb is used with modals such as will, shall, can, may, could, might, should, must, etc. Hence, 'will die' is the most appropriate answer.

Sol.76.(d) opening
The given passage states that lions have large jaws and are capable of opening up to 11 inches wide. Hence, 'opening' is the most appropriate answer.

Sol.77.(a) grasp
'Grasp' means to hold onto something firmly. The given passage states that they have long canine teeth which are used to grasp and kill their prey. Hence, 'grasp' is the most appropriate answer.

Sol.78.(a) Whilst
'Whilst' is used to show two actions happening simultaneously. The given sentence states that small incisors at the front of their mouth are used to grip the meat whilst their sharp carnasial teeth in the back of their mouth. Hence, 'whilst' is the most appropriate answer.

Sol.79.(c) chunks
'Chunks' are the large pieces or portions of something. The given sentence states that sharp carnasial teeth in the back of their mouth tear meat into chunks they can swallow. Hence, 'chunks' is the most appropriate answer

Sol.80.(c) captivity
'Captivity' is the situation in which a person or animal is kept in an enclosure. The given passage states that in captivity they can live up to 25 years of age. Hence, 'captivity' is the most appropriate answer.

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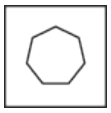
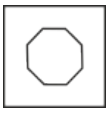
SSC GD Constable 20/02/2024 (3rd Shift)

Reasoning

Q.1. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
CABBAGE : VEGETABLE :: CUSTARD : DESSERT :: PEACH : ?
(a) DRINK (b) DESSERT
(c) FRUIT (d) VEGETABLE

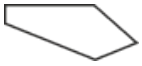
Q.2. Select the figure that will replace the question mark (?) in the following figure series.

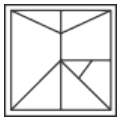
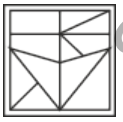
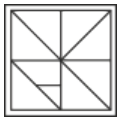
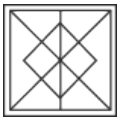


(a)  (b) 
(c)  (d) 

Q.3. In the following question, select the missing number from the given series.
55, 165, 495, 1485, ?, 13365
(a) 7055 (b) 6000 (c) 5055 (d) 4455

Q.4. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is NOT allowed)



(a)  (b) 
(c)  (d) 

Q.5. In a certain code language, if AMRITSAR is coded as MAIRSTRA, DURGAPUR is coded as UDGRPARU, then what will SHILLONG be coded as?
(a) GNLIOLSH (b) NGLOILSH
(c) HSLIOLGN (d) HSLOILGN

Q.6. In the following question, select the related letters from the given alternatives.
PTX : RVZ :: CGK : ?
(a) EIM (b) ABC (c) VVW (d) MNL

Q.7. Five friends London, Madrid, Paris, Rome, and Vienna are arranged in a circle facing the center. Madrid is to the immediate left of Paris. Rome is exactly between London and Vienna. Vienna is to the immediate right of Paris. Which friend is to the immediate left of Madrid?
(a) London (b) Paris (c) Rome (d) Vienna

Q.8. Five friends Pooja, Bhawna, Charu, Geeta and Hema are sitting around a circular table facing towards the centre. Charu is not the immediate neighbour of Bhawna. Bhawna is second to the left of Hema. Geeta is the immediate neighbour of Bhawna and Hema. Who is sitting to the immediate right of Hema?
(a) Geeta (b) Charu (c) Pooja (d) Bhawna

Q.9. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
opq_stopqrsto_qrstopqrs_opqr_t
(a) qpqr (b) rpts (c) rptp (d) opqr

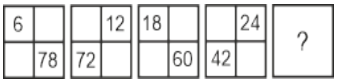
Q.10. Which two numbers should be interchanged to make the given equation correct ?
8 + 7 × 5 ÷14 - 3 = 6
(a) 3 and 5 (b) 14 and 6
(c) 8 and 5 (d) 8 and 7

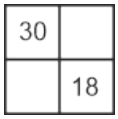
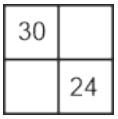
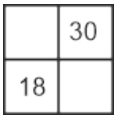
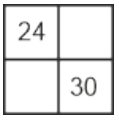
Q.11. After arranging the given words according to dictionary order, which word will come at 'Fourth' position?
1. Wheel 2. Wheat 3. Whale
4. Whet 5. When
(a) Whet (b) Wheel (c) When (d) Wheat

Q.12. Which of the following letter-number clusters will replace the question mark (?) in the given series?
UDF6, VFI9, ?, XJO15, YLR18, ZNU21
(a) WHL12 (b) XHL12
(c) WIK11 (d) VGK11

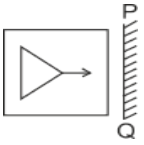
Q.13. 'P × Q' means 'P is the father of Q'
'P + Q' means 'P is the brother of Q'
'P ÷ Q' means 'P is the son of Q'
'P - Q' means 'P is the husband of Q'
How is O related to L in the expression 'O + N ÷ M - L?
(a) Father (b) Husband
(c) Brother (d) Son

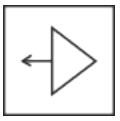
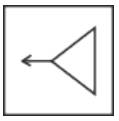
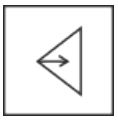
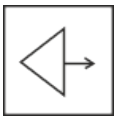
Q.14. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

Q.15. Select the correct mirror image of the given figure when the mirror PQ is placed to the right side of the figure.



(a)  (b) 
(c)  (d) 

Q.16. In the following question, select the missing number from the given series.
14, 6, 5, 6.5, 12, ?
(a) 17 (b) 25 (c) 20 (d) 29

Q.17. After interchanging the given two signs what will be the values of equation (I) and (II) respectively?
× and ÷
I. 18 ÷ 3 - 4 × 2 + 7
II. 18 × 3 ÷ 6 - 8 + 4
(a) 40 and 80 (b) 16 and 30
(c) 59 and 32 (d) 9 and 7

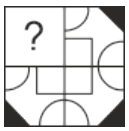
Q.18. In a certain code language, 'ALLIES' is coded as 'REHLKA'. What is the code for 'BALLET' in that code language?
(a) SEKLZC (b) SEKLZB
(c) SDKLZB (d) SEKZLB

Q.19. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement
I : All pens are stationery items.
II : Some stationery items are rubbers.
III : All markers are pens.
Conclusion
I : Some stationery items are not rubbers.
II : Some markers are not stationery items.
(a) Only conclusion II follows
(b) Both conclusions I and II follow
(c) Only conclusion I follows
(d) Neither conclusion I nor II follows

Q.20. Which answer figure will complete the pattern in the question figure? (rotation is not allowed)

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(a)  (b) 

(c)  (d) 

General Awareness

Q.21. _____is a lively dance form of the Bundelkhand region. Its performance begins with the beating of mridang and gradually gains momentum dotted with prose and poetic dialogues.
(a) Matki (b) Gangaur
(c) Rai (d) Swang

Q.22. Which of the following statement is correct regarding Gautama Buddha?
I. Siddhartha, also known as Gautama, the founder of Buddhism, was born about 2500 years ago.
II. The Gautama Buddha belonged to a small gana known as the Sakya gana.
(a) Only II (b) Only I
(c) Neither I nor II (d) Both I and II

Q.23. Indian origin _____was United Kingdom's Home Secretary until November 2023.
(a) Kamala Harris (b) Akshata Murty
(c) Rishi Sunak (d) Suella Braverman

Q.24. Which Union Ministry announced the launch of the 'Amazon Future Engineer Programme?'
(a) Ministry of Electronics and Information Technology
(b) Ministry of Tribal Affairs
(c) Ministry of Science and Technology
(d) Ministry of Education

Q.25. In which year was the Gandhi-Irwin Pact signed?
(a) 1911 (b) 1921 (c) 1941 (d) 1931

Q.26. Leander Paes is associated with _____.
(a) Badminton (b) Lawn Tennis
(c) Cricket (d) Golf

Q.27. Ustad Binda Khan is associated with which of the following instruments?
(a) Shehnai (b) Tabla (c) Sarangi (d) Flute

Q.28. In August 2023, Which of the following former Chief Justice of India was appointed a member of Singapore's International Mediator Panel ?
(a) UU Lalit (b) Ranjan Gogoi
(c) NV Ramana (d) Sharad Arvind Bobde

Q.29. With how many countries does India share a sea border?
(a) 6 (b) 4 (c) 8 (d) 2

Q.30. Where was the International Shooting Sport Federation World Cup 2022 held ?
(a) Cairo, Egypt (b) Munich, Germany
(c) New Delhi, India (d) Sydney, Australia

Q.31. The Green Revolution was instrumental in reducing India's dependence on imports of:
(a) Petroleum (b) Food grains
(c) Textiles (d) Machinery

Q.32. "Mysuru Dasara" is a grand celebration in the Indian state of _____ featuring a royal procession, cultural events, and a display of decorated elephants.
(a) Kerala (b) Karnataka
(c) Orissa (d) Tamil Nadu

Q.33. In which unit, noise pollution is measured?
(a) Centimeter (b) Ohm
(c) Decibel (d) Hertz

Q.34. At the end of which of the following Five-year plans of India, five IITs were set up in the country?
(a) Third (b) Fourth
(c) First (d) Second

Q.35. Which of the following statements is correct regarding Depreciation?
I. Depreciation is termed as loss of value of fixed assets due to wear and tear during its useful life.
II. Depreciation does not take into account unexpected or sudden destruction.
(a) Only I (b) Both I and II
(c) Neither I nor II (d) Only II

Q.36. How many cities of the host state hosted the National Games 2023 ?
(a) 8 (b) 2 (c) 5 (d) 10

Q.37. Constitutions limit the power of government in many ways. The most common way of limiting the power of government is to specify certain _____ that all of us possess as citizens and which no government can ever be allowed to violate.
(a) Fundamental Rights
(b) Directive Principles of State Policy
(c) Economic Duties
(d) Fundamental Duties

Q.38. In Olympics table tennis event, if the points are tied at 10-10, a player then has to strive for a _____point lead to win the game.
(a) 2 (b) 3 (c) 1 (d) 4

Q.39. Which of the following states/Union Territories have the highest male literacy rate according to Census of India 2011?
(a) Mizoram (b) Kerala
(c) Tripura (d) Lakshadweep

Q.40. In August 2023, the Central government has granted a _____ extension to Cabinet Secretary Rajiv Gauba, making him the longest-serving cabinet secretary in India's history.
(a) Four-years (b) Two-years
(c) One-year (d) Three-years

Quantitative Aptitude

Q.41. Six friends have an average height of 144 cm. A boy with a height of 150 cm leaves the group. Find the new average height.
(a) 142.8 cm (b) 155.5 cm
(c) 160.5 cm (d) 108.6 cm

Q.42. The difference between cost price and selling price is Rs. 264. If profit percentage is 33 percent, then what is the selling price?
(a) Rs. 1064 (b) Rs. 1526
(c) Rs. 1084 (d) Rs. 1024

Q.43. A and B can complete a work alone in 20 days and 60 days respectively. They began the work together but A left the work after some days and B completed the remaining work in 12 days. After how many days from the beginning A left the work?
(a) 15 (b) 10 (c) 9 (d) 12

Q.44. Average of 4 numbers is 52. Average of first two numbers is thrice the average of other two numbers. What is the sum of first two numbers?
(a) 156 (b) 174 (c) 148 (d) 147

Q.45. Marked price of a chair is Rs. 5000. After giving two successive discounts of 10 percent and x percent, the chair is sold for Rs. 3150. What is the value of x ?
(a) 40 % (b) 20 % (c) 25 % (d) 30 %

Q.46. What is the value of 880 + 41 ÷ 14 × 84 - 26 ?
(a) 1150 (b) 1200 (c) 1000 (d) 1100

Q.47. The radius of a sphere is 4.2 cm.

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What is the volume of the sphere?
(a) 348.21 cm³ (b) 329.32 cm³
(c) 284.62 cm³ (d) 310.46 cm³

Q.48. Marked price of an article is Rs. 28500 and its selling price is Rs. 15675. What is the discount percentage?
(a) 48 % (b) 52 % (c) 45 % (d) 42 %

Q.49. The price of a movie ticket was increased by 18%. The increase in ticket price reduced the number of audience by 25%. What is the effect on revenue?
(a) increase by 10%
(b) decrease by 14%
(c) decrease by 11.5%
(d) decrease by 9.5%

Q.50. The ratio of copper and zinc in brass is 25 : 12. How much amount of copper will be there in 370 kg of brass?
(a) 150 kg (b) 250 kg (c) 50 kg (d) 350 kg

Q.51. Two numbers are in the ratio of 11: 13. If their HCF is 7, find the numbers.
(a) 63 and 70 (b) 77 and 91
(c) 70 and 80 (d) 21 and 28

Q.52. If P : Q : R = 9 : 10 : 11, then what is the value of (P + Q) : (Q + R) : (R + P)?
(a) 19 : 21 : 20 (b) 19 : 21 : 19
(c) 19 : 21 : 22 (d) 19 : 21 : 23

Q.53. If a certain sum of money becomes thrice of itself in 8 years 6 months at simple interest, then what will be the annual rate of interest ?
(a) 24.78 percent (b) 21.28 percent
(c) 24.48 percent (d) 23.52 percent

Q.54. If 25 is subtracted from a number, then number becomes 50 percent of itself. What is the number?
(a) 50 (b) 55 (c) 40 (d) 45

Q.55. If interest is being compound annually, then what sum will amount to Rs. 9464 in 2 years at the rate of 30 percent per annum at compound interest?
(a) Rs. 5600 (b) Rs. 5400
(c) Rs. 6800 (d) Rs. 5750

Q.56. A person covers first 11 km in 60 minutes and next 22 km in 30 minutes. What is his average speed for the whole journey ?
(a) 18 km/hr (b) 22 km/hr
(c) 27 km/hr (d) 25 km/hr

Q.57. What is the value of [19 × {24 ÷ 4 of (24 × 4 ÷16)}] ?
(a) 1 (b) 19 (c) 38 (d) 76

Q.58. What is the value of
$\frac{16 \times (9+4) - 13 \times 14}{50 - (12 + 12)}$?
(a) 1 (b) 26 (c) 13 (d) 2

Q.59. If 18 men can finish a work in 13 days. Then in how many days will 54 men finish the same work?
(a) $\frac{13}{3}$ (b) 9 (c) $\frac{8}{5}$ (d) $\frac{18}{4}$

Q.60. If selling price of a table is 25 percent of its cost price, then what is the loss percentage?
(a) 55 % (b) 45 % (c) 35 % (d) 75 %

English

Q.61. Fill in the blank with the most appropriate option.
His first movement after the shock _____to work in his loom; and he went on with this unremittingly.
(a) was been (b) has being
(c) had been (d) have been

Q.62. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is an ans correct.
I can't wait to gone camping next weekend.
(a) going camping (b) No improvement
(c) go camping (d) go camps

Q.63. Select the most appropriate option for the given blank.
Please ____my apology for this mistake.
(a) develop (b) acquire
(c) accept (d) obtain

Q.64. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
Sapna was abstracted, biting her lip restlessly and reading over the guide-books to the battle-field that Suraj (had brought along).
(a) No correction required
(b) have brought along
(c) have brought
(d) has brought along

Q.65. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. We had been collected and studied over 14,000 dung beetles from 98 different species.
(a) beetles from 98 different species.
(b) No error
(c) studied over 14,000 dung
(d) We had been collected and

Q.66. Fill in the blank with the correct homophone:
In the dense forest, a mother ____and her cubs roamed freely, enjoying the tranquillity of their natural habitat.
(a) bare (b) beer (c) bear (d) Ber

Q.67. Select the sentence with no spelling errors.
(a) The man walks with a grate deal of poise, in fact, very much like an elephant, but he also has the agelity of the panther.
(b) The man walks with a great deal of poise, in fact, very much like an elephant, but he also has the agility of the panther.
(c) The man walks with a great deal of poise, in fact, very much like an elephant, but he also has the agility of the panthur.
(d) The man walks with a great deel of poise, in fact, very much like an ephalnt, but he also has the agility of the panther.

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
This is the most simple and basic basic component of life.
(a) No error (b) simple and basic
(c) component of life. (d) This is the most

Q.69. Select the incorrectly spelt word from the given sentence.
The university claims students can face a law-suit or fine for violating the UNO smoking prohibition.
(a) univarsity (b) violating
(c) prohibition (d) claims

Q.70. Choose the most appropriate synonym of the underlined word.
This query is no doubt a very correct and moral one, but it seems somewhat cryptic.
(a) Clear (b) Mysterious
(c) Obvious (d) Common

Q.71. Choose the most appropriate antonym of the underlined word.
While some people may face legitimate obstacles, others are just obstinate.
(a) firm (b) dogged
(c) stubborn (d) obedient

Q.72. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no error if there is no error in the sentence.
After a long day at work, he decided to switch of his / phone, disconnecting from the digital world/ to immerse himself in a good book.

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(a) to immerse himself in a good book.
(b) no error
(c) phone, disconnecting from the digital world
(d) After a long day at work, he decided to switch of his

Q.73. Select the most appropriate word to fill in the blank.
He was dismissed for being combative and antagonistic _____his supervisor.
(a) about (b) above
(c) through (d) towards

Q.74. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
She never has to worry about money as she is **born into a very rich family.**
(a) Spill the beans
(b) Out of the blue
(c) Born with a silver spoon in mouth
(d) Eats like a bird

Q.75. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Under the sun
(a) In public (b) On earth
(c) Under suspicion (d) At high risk

Cloze Test :
Direction :- [Q .76. to Q .80.]
The number of measles cases (76) _____ the world increased by 18 per cent during the same period, the report said, bringing the total number of infections (77) _____ nine million. Measles, a (78) _____ contagious viral disease, spreads through respiratory droplets (79) ____ by the breath, sneeze or cough of an infected person. It may result in serious illness or even death. Some 37 countries saw significant or disruptive measles (80) _____ in 2022, compared to 22 nations in 2021.

Q.76. (a) for (b) across
(c) through (d) along

Q.77. (a) upon (b) too (c) to (d) in

Q.78. (a) mutant (b) partially
(c) great (d) highly

Q.79. (a) transported (b) transited
(c) transmitted (d) transgressed

Q.80. (a) pointer (b) outbreak
(c) ailment (d) break

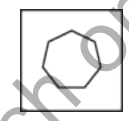
Answer Key :-

1.(c)	2.(a)	3.(d)	4.(b)
5.(c)	6.(a)	7.(a)	8.(b)
9.(b)	10.(c)	11.(c)	12.(a)
13.(d)	14.(a)	15.(b)	16.(d)
17.(c)	18.(b)	19.(d)	20.(b)
21.(d)	22.(d)	23.(d)	24.(b)
25.(d)	26.(b)	27.(c)	28.(c)
29.(d)	30.(a)	31.(b)	32.(b)
33.(c)	34.(c)	35.(b)	36.(c)
37.(a)	38.(a)	39.(b)	40.(c)
41.(a)	42.(a)	43.(d)	44.(a)
45.(d)	46.(d)	47.(d)	48.(c)
49.(c)	50.(b)	51.(b)	52.(a)
53.(d)	54.(a)	55.(a)	56.(b)
57.(b)	58.(a)	59.(a)	60.(d)
61.(c)	62.(c)	63.(c)	64.(a)
65.(d)	66.(c)	67.(b)	68.(a)
69.(a)	70.(b)	71.(d)	72.(d)
73.(d)	74.(c)	75.(b)	76.(b)
77.(c)	78.(d)	79.(c)	80.(b)

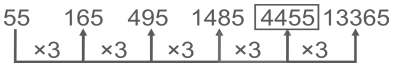
Solutions :-

Sol.1.(c) Cabbage is a type of vegetable, similarly, Peach is a round fruit with orange-red skin.

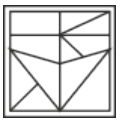
Sol.2.(a) Number of sides is increased by 1 in the next figure.



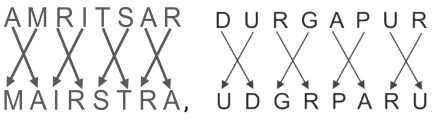
Sol.3.(d)



Sol.4.(b)

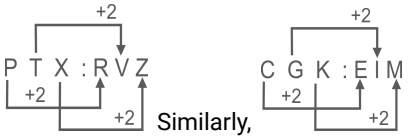


Sol.5.(c)

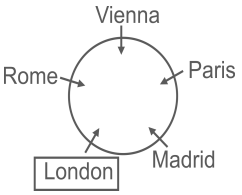


SHILLONG
Similarly, HSLIOLGN

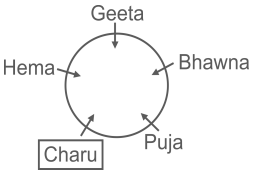
Sol.6.(a)



Sol.7.(a)



Sol.8.(b)



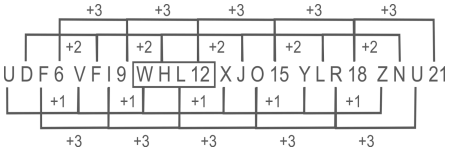
Clearly we can see that Charu is sitting to the immediate right of Hema.

Sol.9.(b)
opqrst / opqrst / opqrst / opqrst / opqrst

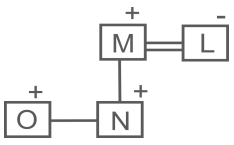
Sol.10.(c) Given : 8 + 7 × 5 ÷ 14 - 3
After checking the options one by one option(c) gets satisfied option(c) gets satisfied.
Now Interchanging 8 and 5 we get ;
⇒ 5 + 7 × 8 ÷14 - 3 = 6
⇒ 5 + 4 - 3 = 6 ⇒ 6 = 6
LHS = RHS

Sol.11.(c) After arranging in dictionary order, we get:
Whale → Wheat → Wheel → When → Whet
Clearly, the fourth word is 'When'.

Sol.12.(a)

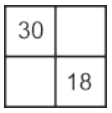


Sol.13.(d)



Clearly, O is the son of L.

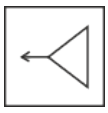
Sol.14.(a) Logic : The number in the upper shell is multiple of 6.
After 24, the next multiple of 6 is 30.
The difference between diagonal boxes in each shell is the number in the lower shell.
(78 - 6 = 72), (72 - 12 = 60) similarly,
42 - 24 = 18.
Hence, the numbers will be 30 and 18 which are written in an alternate pattern as followed here.



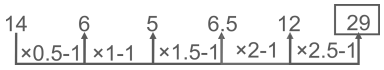
Sol.15.(b)

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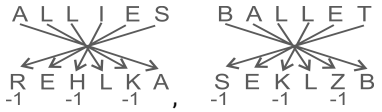


Sol.16.(d)

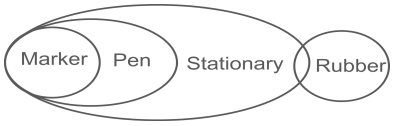


Sol.17.(c) I : 18 ÷ 3 - 4 × 2 + 7
II : 18 × 3 ÷ 6 - 8 + 4
After interchanging '×' and '÷' in the above equation, we get ;
I. 18 × 3 - 4 ÷ 2 + 7 = 54 - 2 + 7 = 59
II. 18 ÷ 3 × 6 - 8 + 4 = 36 - 8 + 4 = 32
Hence, the required answer is 59 and 32.

Sol.18.(b)



Sol.19.(d)



Clearly, we can see that Neither conclusion I nor II follows.

Sol.20.(b)



Sol.21.(d) Swang - A popular folk dance - theatre form performed in Rajasthan, Haryana, Uttar Pradesh and Malwa region of Madhya Pradesh. Other dances: Rai - This dance of Bundelkhand is performed by a man disguised as a woman to the accompaniment of musical instruments like dholak and nagara. Matki - A community dance from the Malwa region, performed by women. Gangaur - Performed during the nine days of Gangaur festival in the Nimar region in honour of their deity Ranubai and Dhaniyer Suryadev.

Sol.22.(d) Both I and II. The Lord Buddha was born in Lumbini (Nepal). Other related facts about Gautama Buddha: Father - Suddhodana, the leader of the Shakya clan; Mother - Queen Maya; He left home at the age of 29. This renunciation is known as "Mahabhinishkramana" in Buddhism. Symbols of Buddha's life: The birth (Lotus flower); Renunciation (horse, Kanthaka); Enlightenment (Bodhi tree); First sermon (wheel of dharma); and Mahaparinirvana (stupa).

Sol.23.(d) Suella Braverman. Other personalities: Kamala Harris - She is the Vice President of the United States (as of October 2024). Akshata Murty - She is a businesswoman and the wife of Rishi Sunak and daughter of Narayana Murthy, the founder of Infosys, an Indian multinational corporation. Rishi Sunak served as Prime Minister of the United Kingdom from October 2022 to July 2024.

Sol.24.(b) Ministry of Tribal Affairs. National Education Society for Tribal Students (NESTS) under the Ministry of Tribal Affairs launched Phase II of the 'Amazon Future Engineer Programme' in 54 Eklavya Model Residential Schools (EMRS) spread across Andhra Pradesh, Gujarat, Madhya Pradesh, Odisha, Rajasthan and Telangana. The second phase would include an Advanced Block Programming and Artificial Intelligence curriculum.

Sol.25.(d) 1931. Gandhi-Irwin Pact, was an agreement signed on March 5, 1931, between Mohandas K. Gandhi, and Lord Irwin (1926–31). It marked the end of a period of civil disobedience (satyagraha) in India against British rule. Irwin on behalf of the government agreed on immediate release of all political prisoners not convicted of violence.

Sol.26.(b) Lawn Tennis. Leander Paes (Awards) : Padma Bhushan (2014), Padma Shri (2001), Major Dhyan Chand Khel Ratna award (1996-97) and Arjuna Award (1990). Other Tennis Players: Novak Djokovic, Serena Williams, Roger Federer, Rafael Nadal, Sania Mirza, and Rohan Bopanna. Eminent Badminton players: Saina Nehwal, Lakshya Sen, and P. V. Sindhu. Eminent Cricket Players: Mithali Raj, Smriti Mandhana, and Arshdeep Singh. Eminent Golf Players: Scottie Scheffler, and Steven Mark Bottomley.

Sol.27.(c) Sarangi. Other exponents of the Sarangi include: Abdul Latif Khan, Ram Narayan, Sultan Khan, and Shakoor Khan. Instruments and Their Notable Exponents: Shehnai - Bismillah Khan, Anant Lal, and Raghunath Prasanna; Tabla - Anindo Chatterjee and Pt. Kishan Maharaj; Flute - Hariprasad Chaurasia, Rajendra Prasanna, and Pannalal Ghosh.

Sol.28.(c) NV Ramana. He is a former Indian judge and journalist who served as the 48th Chief Justice of India. 50th Chief Justice of India: Justice Dhananjaya Y. Chandrachud.

Sol.29.(d) 2 (Sri Lanka and Maldives). Sri Lanka is separated from India by a narrow channel of sea formed by the Palk Strait and the Gulf of Mannar, while Maldives Islands are situated to the south of the Lakshadweep Islands. India shares its land borders with seven countries: Pakistan and Afghanistan to the northwest, China (Tibet), Nepal and Bhutan to the north, Myanmar and Bangladesh to the east.

Sol.30.(a) Cairo, Egypt. The first ISSF World Cup was held in Mexico City in 1986, with the 10m air rifle, 10m air pistol, 50m rifle 3 positions, and 25m rapid fire pistol categories for both men and women. The ISSF also organises an ISSF World Cup Final each year, starting from 1988. The first Indian shooter (won a medal) at the ISSF World Cup - Soma Dutta.

Sol.31.(b) Food grains. The Green Revolution was an endeavour initiated by Norman Borlaug in the 1960s. He is known as the 'Father of Green Revolution' in the world. In India, the Green Revolution was mainly led by M.S. Swaminathan. The Green Revolution resulted in a great increase in production of food grains (especially wheat and rice) due to the introduction of high-yielding variety seeds.

Sol.32.(b) Karnataka. Mysore Dasara is a 10-day festival, starting with nine nights called Navratri and the last day being Vijayadashami. The festival is observed on the tenth day in the Hindu calendar month of Ashvina. Important festivals celebrated in Indian states: Karnataka - Gombe Habba, Gowri Habba. Kerala - Onam, Vishu (Malayalam New Year), Vettukad Festival. Orissa - Raja Festival, Nua Khai Festival, Dhanu Yatra; Tamil Nadu - Mahamagam, Chithirai, Arubathu Moovar Festival.

Sol.33.(c) Decibel. Other Units and Measurements : Length (metre), Mass (kilogram), Time (second), Electric current (ampere), Thermodynamic temperature (kelvin), Amount of substance (mole) and Luminous intensity (candela).

Sol.34.(c) First. First Five-Year Plan (1951-56) - It was based on the Harrod Domar Model and emphasized increasing savings. It mainly addressed the agrarian sector, including investment in dams and irrigation. Example - Huge allocations were made for Bhakra Nangal Dam. The target growth rate was 2.1%

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and the achieved growth rate was 3.6%. The Five Year Plans were formulated, implemented and regulated by a body known as the Planning Commission. The Planning Commission was replaced by a think tank called NITI AAYOG in 2015.

Sol.35.(b) Both I and II. Depreciation is an expense charged during a year for the reduction in the value of fixed assets, arising due to: Normal wear and tear out of its use and passage of time; and Obsolescence due to change in technology, fashion, taste and other market conditions.

Sol.36.(c) 5. The National Games 2023 (37th edition), India's own multi-sport event inspired by the Olympics, was held in five cities in Goa - Mapusa, Margao, Panjim, Ponda and Vasco. National Games 2023 medal tally: 1st Rank - Maharashtra (80 Gold, 69 Silver and 79 Bronze); 2nd Rank - Services (66 Gold); 3rd Rank - Haryana (62 Gold). Venue of 38th edition of the National Games (2024) - Uttarakhand.

Sol.37.(a) Fundamental Rights. The Fundamental Rights are enshrined in Part III (Magna Carta of India) of the Constitution (Articles 12-35). The Constitution of India provides for six Fundamental Rights: Right to equality (Articles 14–18), Right to freedom (Articles 19–22), Right against exploitation (Articles 23–24), Right to freedom of religion (Articles 25–28), Cultural and educational rights (Articles 29–30), and Right to constitutional remedies (Article 32).

Sol.38.(a) 2. According to the laws of table tennis, a player can win a game of table tennis by scoring 11 points - with one point awarded for every infringement. Every player gets to serve twice in a row. The first to 11 points is declared the winner. Table tennis rules, the regulations, and equipment used: The game is played on a 2.74 x 1.53-metre rectangular table; The table tennis net stands at a height of 15.25 centimetres; Table tennis racquet - Approximately 17 cm long and 15 cm wide; Table tennis ball - Weighs about 2.7 grams and is spherical with a diameter of 40 millimetres.

Sol.39.(b) Kerala. According to the Census of India 2011, Literacy rate in: India (74.04%, Male - 82.14%, Female - 65.46%), Kerala (94%, Male - 96.11%, Female - 92.07%), Lakshadweep (91.85%, Male - 95.56%, Female - 87.95%), and Bihar (61.80%, Male - 71.20%, Female - 51.50%). Highest literacy rate state - Kerala, Lowest literacy rate state - Bihar, Highest literacy rate Union Territory - Lakshadweep.

Sol.40.(c) One-year. Rajiv Gauba is an Indian Administrative Service (IAS) officer belonging to the 1982 batch of Jharkhand (earlier Bihar) cadre.

Sol.41.(a) New average height

$= 144 - \frac{150-144}{5} = 144 - 1.2 = 142.8$ cm

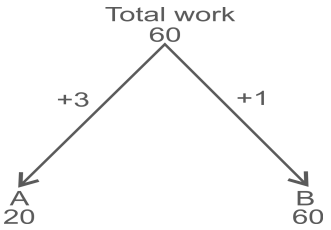
Sol.42.(a) Let CP be 100%

33% ---------- ₹264

100% ---------- $\frac{264}{33} \times 100$ = ₹800

SP = 800 + 264 = ₹1064

Sol.43.(d)



Work done by B in 12 days = 12 × 1 = 12 unit

Remaining work = 60 - 12 = 48 unit

time taken by (A + B) to complete the work = $\frac{48}{3+1}$ = 12 days

So, 12 days from the beginning A left the work.

Sol.44.(a) Let the numbers = a, b, c, d

ATQ,

$\frac{a+b}{2} = 3\frac{c+d}{2} \Rightarrow$ a + b = 3(c + d)

Now, a + b + c + d = 52 × 4 = 208

$a + b + (\frac{a+b}{3}) = 208$

4(a + b) = 624 $\Rightarrow$ a + b = 156

Sol.45.(d) ATQ,

$5000 \times \frac{90}{100} \times x = 3150$

$4500x = 3150 \Rightarrow x = \frac{3150}{4500} = \frac{7}{10}$

Required % = $\frac{10-7}{10} \times 100 = \frac{3}{10} \times 100$

= 30%

Sol.46.(d) 880 + 41 ÷ 14 × 84 - 26

880 + 246 - 26 = 1100

Sol.47.(d) Volume of sphere

$= \frac{4}{3} \times \frac{22}{7} \times 4.2 \times 4.2 \times 4.2 = 310.464\ cm^3$

Sol.48.(c)

MP : SP = 28500 : 15675 = 380 : 209

Discount% = $\frac{380-209}{380} \times 100$

$= \frac{171}{380} \times 100 = 45\%$

Sol.49.(c)

effect on revenue = $(18 - 25 - \frac{18 \times 25}{100})\%$

= -7 - 4.5 = -11.5 % or decrease by 11.5%

Sol.50.(b)

25 + 12 = 37 unit ---------- 370 kg

25 unit ---------- $\frac{370}{37} \times 25$ = 250 kg

Sol.51.(b)

Let the two numbers = $11x$ and $13x$

HCF = 7

The no's are 11 × 7 = 77, 13 × 7 = 91

Sol.52.(a) (P + Q) : (Q + R) : (R + P)

= (9 + 10) : (10 + 11) : (11 + 9) = 19 : 21 : 20

Sol.53.(d)

Principal : Amount = 1 : 3 or 100 : 300

SI for 8yrs 6month($\frac{17}{2}$ yrs) = (300 - 100) = 200

rate% = $\frac{200}{(\frac{17}{2})} = 200 \times \frac{2}{17} = 23.52\%$

Sol.54.(a) Let the number = x

ATQ,

x - 25 = 50% of x

$\Rightarrow x - 25 = 0.5x$

$0.5x = 25 \Rightarrow x = 50$

Sol.55.(a) Let sum be 100%

Effective CI for 2 yrs at 30% rate

= $(30 + 30 + \frac{30 \times 30}{100})\%$ = 69%

169% ---------- ₹9464

100% ---------- $\frac{9464}{169} \times 100$ = ₹5600

Sol.56.(b) Average speed = $\frac{11+22}{1+\frac{1}{2}}$

$= \frac{33}{\frac{3}{2}} = 33 \times \frac{2}{3} = 22$ km/hr

Sol.57.(b) [19 × {24 ÷ 4 of (24 × 4 ÷16)}]

$\Rightarrow$ [19 × {24 ÷ 4 of 6}] $\Rightarrow$ [19 × 1] = 19

Sol.58.(a) $\frac{16 \times (9+4) - 13 \times 14}{50 - (12+12)}$

$= \frac{16 \times 13 - 182}{50 - 24} = \frac{208 - 182}{26} = \frac{26}{26} = 1$

Sol.59.(a)

Let the required no of days be x

ATQ,

$18 \times 13 = 54 \times x \Rightarrow x = \frac{18 \times 13}{54} = \frac{13}{3}$ days

Sol.60.(d) ATQ,

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SP = 25% of CP

$\frac{SP}{CP} = \frac{1}{4}$

loss% = $\frac{4-1}{4} \times 100 = \frac{3}{4} \times 100 = 75\%$

Sol.61.(c) had been
The sentence uses the past perfect tense 'had been'. It indicates an action that occurred before another action in the past. Hence, 'had been' is the most appropriate answer.

Sol.62.(c) go camping
'Gone' must be replaced by 'go' because 'to' is followed by the base form (V_1) of the verb. Hence, 'go camping' is the most appropriate answer.

Sol.63.(c) accept
'Accept' is the correct verb to use for 'apology'. The given sentence is a request to accept an apology for a mistake. Hence, 'accept' is the most appropriate answer.

Sol.64.(a) No correction required
The given sentence is grammatically correct.

Sol.65.(d) We had been collected and
'Had been collected' should be replaced with 'had collected'. We need to use the active voice of past perfect tense as the subject (we) is the doer of the action. Hence, 'We had collected and' is the most appropriate answer.

Sol.66.(c) bear
The young ones of a 'bear' are called 'cubs'. Hence, 'bear' is the most appropriate answer.

Sol.67.(b) The man walks with a great deal of poise, in fact, very much like an elephant, but he also has the agility of the panther.
'Great', 'agility', 'elephant' and 'panther' are the correct spellings.

Sol.68.(a) No error
The given sentence is grammatically correct.

Sol.69.(a) univarsity
'University' is the correct spelling.

Sol.70.(b) Mysterious- strange and is not known about or understood.
Cryptic- mysterious and difficult to understand.
Obvious- easily seen, recognized, or understood.

Sol.71.(d) Obedient- willing to follow rules or instructions
Obstinate- unwilling to change opinions or course of actions.
Firm- not easily influenced or changed.
Dogged- continuing despite difficulties or challenges.
Stubborn- determined to do what he or she wants and refuses to do anything else.

Sol.72.(d) After a long day at work, he decided to switch of his
'Of' must be replaced with 'off'. 'Switch off' is the correct verb, meaning to turn off a device. Hence, 'after a long day at work, he decided to switch off his' is the most appropriate answer.

Sol.73.(d) towards
'Towards' is used for the attitude or behaviour that we show others. Hence, 'towards' is the most appropriate answer.

Sol.74.(c) Born with a silver spoon in mouth- born into a very rich family.
E.g.- He never had to work a day in his life because he was born with a silver spoon in his mouth.

Sol.75.(b) Under the sun- on earth.
E.g.- There's no problem under the sun that we can't solve if we work together.

Sol.76.(b) across
'Across' means in all parts of a place. The given sentence states that the number of measles cases across the world increased by 18 percent. Hence, 'across' is the most appropriate answer.

Sol.77.(c) to
We use 'to' for indicating the change such as increase or decrease. The given passage states the total number of infections after an increase of 18 percent. Hence, 'to' is the most appropriate answer.

Sol.78.(d) highly
'Highly' is an adverb that means to a great extent or degree. The given passage states that measles, a highly contagious viral disease. Hence, 'highly' is the most appropriate answer.

Sol.79.(c) transmitted
'Transmitted' means to pass from one person to another. The given passage states that measles, a highly contagious viral disease, spreads through respiratory droplets transmitted by the breath. Hence, 'transmitted' is the most appropriate answer.

Sol.80.(b) outbreak
'Outbreak' means the sudden increase in the cases of a disease. The given passage states that some 37 countries saw significant or disruptive measles outbreak in 2022. Hence, 'outbreak' is the most appropriate answer.

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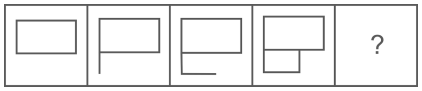
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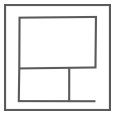
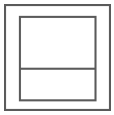
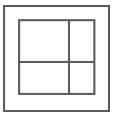
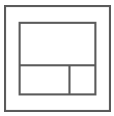
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Reasoning

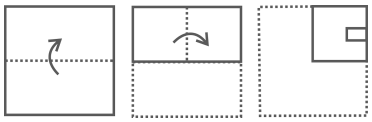
Q.1. By interchanging which two signs and two numbers (not digits) the equation will be correct ?
$8 + 6 \times 4 - 3 \div 1 = 2$
(a) + and −, 6 and 3 (b) × and ÷, 8 and 3
(c) × and ÷, 6 and 3 (d) + and ÷, 1 and 8

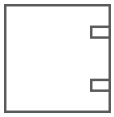
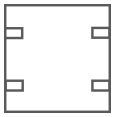
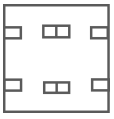
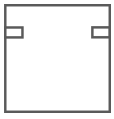
Q.2. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

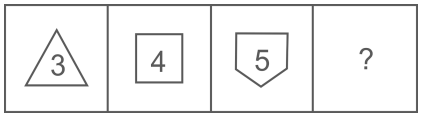
Q.3. A paper is folded and cut as shown below. How will it appear when unfolded



(a) 
(b) 
(c) 
(d) 

Q.4. In the following question, select the related letter pair from the given alternatives.
RPD : WUI :: ?
(a) BAC : OTT (b) LDK : CFK
(c) XYM : CDR (d) XOL : UPL

Q.5. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

Q.6. After arranging the given words according to dictionary order, which word will come at 'Third' position ?
1. Small 2. Smart 3. Smack
4. Smash 5. Smatter
(a) Smash (b) Smart (c) Small (d) Smack

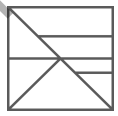
Q.7. In a certain code language, 'MATURE' is coded as '82', 'HIGHER' is coded as '59'. What is the code for 'ASIAN' in that code language ?
(a) 42 (b) 44 (c) 46 (d) 48

Q.8. Five friends Pooja, Bhawna, Charu, Geeta and Hema are sitting around a circular table facing towards the centre. Charu is not the neighbour of Bhawna. Bhawna is second to the left of Hema. Geeta is the neighbour of Bhawna and Hema. Who is sitting to the immediate right of Bhawna ?
(a) Geeta (b) Pooja (c) Charu (d) Hema

Q.9. In the following question, select the related letters from the given alternatives.
KBZ : HYW :: VIF : ?
(a) NOP (b) HVA (c) SFC (d) SHM

Q.10. From the given option figures, select the one in which the question figure is hidden/embedded.(rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.11. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
MQ, SO, QU, WS, ?
(a) UX (b) XT (c) UY (d) MH

Q.12. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements :
I. Some namkeen are pizza.
II. No pizza is biscuit.
Conclusions :
I. No biscuit is namkeen.
II. No biscuit is pizza.
III. Some pizza are not biscuit.
(a) Only conclusion III follows
(b) Both conclusions II and III follows
(c) Both conclusions I and III follows
(d) All conclusion follows

Q.13. In a certain code language, 'BEHALF' is coded as 'DCJYND'. What is the code for 'CLINIC' in that code language ?
(a) EJKLKA (b) EJLLLA
(c) EJKLKB (d) EJKLLB

Q.14. In the following question, select the missing number from the given series.
86, 107, 82, 111, 78, 115, ?
(a) 78 (b) 72 (c) 76 (d) 74

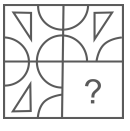
Q.15. Which two numbers should be interchanged to make the given equation correct ?
$5 - 3 \times 0 + 1 = 2$
(a) 5 and 3 (b) 5 and 2
(c) 1 and 3 (d) 2 and 0

Q.16. 'Q × R' means 'Q is the wife of R'
'Q + R' means 'Q is the husband of R'
'Q ÷ R' means 'Q is the daughter of R'
'Q − R' means 'Q is the brother of R'
How is V related to T in the expression '$S - T \div U + V$' ?
(a) Sister (b) Daughter
(c) Wife (d) Mother

Q.17. In the following question, select the missing number from the given series.
6075, 2025, ?, 225, 75
(a) 690 (b) 680 (c) 675 (d) 700

Q.18. Which of the following letter cluster will replace the blank (_____) in the given series ?
PRQ, QSR, _____, SUT, TVU
(a) QTS (b) RUS (c) RTS (d) RST

Q.19. Which answer figure will complete the pattern in the question figure ? (rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.20. Eight athletes Sunil, Abhishek, Mohit, Cheenu, Rahul, Tanu, Koyal and

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Ankit are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Koyal is third to the left of Rahul. Tanu is third to the right of Cheenu. Mohit is second to the right of Sunil. Abhishek is second to the left of Cheenu. Tanu is second to the left of Sunil. Who is sitting second to the left of Koyal ?
(a) Mohit (b) Tanu (c) Rahul (d) Sunil

General Awareness

Q.21. Which of the following Mauryan inscriptions is NOT located in present - day India ?
(a) Kalsi (b) Kandahar
(c) Maski (d) Girnar

Q.22. Which of the following countries borders India to the north-west ?
(a) Bangladesh and Myanmar
(b) Afghanistan and Pakistan
(c) Myanmar and Nepal
(d) China, Bhutan and Nepal

Q.23. The Ministry of Agriculture and Farmers Welfare has launched a PM-KISAN AI Chatbot _____ in 2023, which will provide the farmers with a one-stop solution for their grievances related to the PM-KISAN scheme.
(a) Kisan e-Yojna (b) Kisan e-Sandesh
(c) Kisan e-Samadhan (d) Kisan e-Mitra

Q.24. Banking regulation Act was passed in:
(a) 1959 (b) 1999 (c) 1949 (d) 1967

Q.25. In June 2023, who has been awarded the Spinoza Prize, which is also sometimes referred to as the 'Dutch Nobel Prize' ?
(a) Joyeeta Gupta
(b) Rekha Sharma
(c) M. Gauravi Reddy
(d) Madhabi Puri Buch

Q.26. Which of the parts of the Indian Constitution deals with the Directive Principles of State Policy ?
(a) Part II (b) Part IV (c) Part I (d) Part III

Q.27. In any tennis game, if both players win three points each in a game (i.e. score is 40-40), then it's called a _____ .
(a) equal (b) deuce (c) back (d) rattle

Q.28. What is the time period of the Eleventh five-year plan in India ?
(a) 2007-2012 (b) 2009-2014
(c) 2008-2013 (d) 2010-2015

Q.29. Which musical instrument is played by Pt. Ravi Shankar ?
(a) Been (b) Sarod (c) Sarangi (d) Sitar

Q.30. Which religion has the majority population in India ?
(a) Islam (b) Hinduism
(c) Jainism (d) Christianity

Q.31. The "Hornbill Festival" features which indigenous tribes showcasing their culture and traditions ?
(a) Gond (b) Garo (c) Naga (d) Bhil

Q.32. In 1866, John Newlands, an English scientist, arranged the then known elements in the order of _____. It is known as Newlands Law of Octaves.
(a) decreasing atomic masses
(b) increasing atomic number
(c) increasing atomic masses
(d) decreasing atomic number

Q.33. 'Mundari' dance is associated with which of the following states ?
(a) Kerala (b) Jharkhand
(c) Uttar Pradesh (d) Tamil Nadu

Q.34. The Green Revolution started in the year 1965 and the _____ five year plan was between 1961-1966.
(a) 5th (b) 2nd (c) 1st (d) 3rd

Q.35. The Jallianwala Bagh massacre, took place in consequence to the protest against the _____ .
(a) Regulating Act
(b) Rowlatt Act
(c) Pitt's India Act
(d) Government of India Act

Q.36. Which country will host the 2026 Asian games ?
(a) Thailand (b) Japan (c) China (d) Qatar

Q.37. Which sport is the Agha Khan Cup associated with ?
(a) Kabaddi (b) Hockey
(c) Cricket (d) Rugby

Q.38. Which of the following is the least populous state of India as per 2011 census ?
(a) Meghalaya (b) Assam
(c) Sikkim (d) Goa

Q.39. Which Indian dancer won the Sangeet Natak Akademi Award in 2018 for Chhau Dance ?
(a) Akham Lakshmi Devi
(b) Tapan kumar pattanayak
(c) Dr. Aruna Mohanty
(d) Gopika Varma

Q.40. When the office of Chairman of the Council of States is vacant, then his or her duties shall be performed by which of the following ?
(a) Speaker of the House of the people
(b) President of India
(c) Senior most member of the Council of States
(d) Deputy Chairman of the Council of States

Quantitative Aptitude

Q.41. Sonu alone can make a table in 125 days while Monu alone can make it in 250 days. Monu started the work and worked for 75 days. In how many days Sonu can finish the remaining work ?
(a) 135 (b) 120 (c) 100 (d) 87.5

Q.42. The present ages of three people in proportions is 3 : 5 : 7. Six years ago, the sum of their ages was 87. Find their present ages (in years).
(a) 24 years, 40 years, 56 years
(b) 18 years, 30 years, 42 years
(c) 21 years, 35 years, 49 years
(d) 27 years, 45 years, 63 years

Q.43. The radius of a sphere is 3.5 cm. What is the total surface area of the sphere ?
(a) 176 cm^2 (b) 128 cm^2
(c) 196 cm^2 (d) 154 cm^2

Q.44. What is the value of $443 - 226 \div 2 \times 5$?
(a) -127 (b) -119 (c) -121 (d) -122

Q.45. A bus left 60 minutes later than the scheduled time but in order to reach its destination 300 km away in time, it had to increase its usual speed by 10 km/hr. What is the usual speed of the bus ?
(a) 50 km/hr (b) 60 km/hr
(c) 40 km/hr (d) 30 km/hr

Q.46. X1, X2 and X3 can do a work in 90, 45 and 67.5 days respectively. All three of them began the work together but X2 left 13.5 days before the completion of the work. In how many days was the work completed ?
(a) 25 (b) 24 (c) 18 (d) 27

Q.47. Marked price of an article is Rs. 11800 and its selling price is Rs. 7788. What is the discount percentage ?
(a) 30 % (b) 34 % (c) 32 % (d) 35 %

Q.48. If the price of a dress is reduced from Rs. 800 to Rs. 720, what is the percentage decrease ?
(a) 6% (b) 9% (c) 8% (d) 10%

Q.49. The average marks of 13 students was 130. But later it was found that the score of one student was wrongly entered as 23 instead of 32. What is the

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correct average of their score ?
(a) 132.28 (b) 131.72
(c) 130.69 (d) 130.88

Q.50. Ankit sells an article at a loss of 10 percent. If he buys it for 30 percent less price and sells it for Rs. 26 less price, then his profit will be 10 percent. What is the cost price of the article ?
(a) Rs. 300 (b) Rs. 250
(c) Rs. 320 (d) Rs. 200

Q.51. What is the remainder when 35^{29} is divided by 10 ?
(a) 5 (b) 4 (c) 6 (d) 0

Q.52. Prithvi has pears and peaches in the ratio of 10 : 13. Celine has pears and peaches in the ratio of 7 : 9. Vikram has pears and peaches in the ratio of 5 : 7. Who has a greater ratio of pears to peaches ?
(a) Vikram (b) Prithvi
(c) All are equal (d) Celine

Q.53. The average weight of a class of 22 students is 42 kg. If 2 new students of weight 33 kg and 39 kg are added to the class, then what will be the new average weight of 24 students ?
(a) 41.5 kg (b) 39.5 kg (c) 43 kg (d) 42 kg

Q.54. A man buys 35 mangoes for a rupee. How many mangoes had he sold for a rupee so that there is a loss of 30 percent ?
(a) 33 (b) 45 (c) 27 (d) 50

Q.55. Simple interest and compound interest on a principal at a certain rate of interest for 2 years is Rs. 12800 and Rs. 14400 respectively. What is the principal
(a) Rs. 25600 (b) Rs. 27800
(c) Rs. 24400 (d) Rs. 29900

Q.56. What is the value of $2016 \div 4 + 32 \times 6 - 26 \times 3$?
(a) 626 (b) 624 (c) 618 (d) 628

Q.57. The marked price of a chair is 20 percent more than its cost price. If the chair is sold for Rs. 220 after a discount of Rs. 20, then what will be the profit percentage ?
(a) 20 % (b) 30 % (c) 10 % (d) 15 %

Q.58. What is the value of
$(48 - (20 - 8)) \div (4 \times 3)$?
(a) 4 (b) 3 (c) 2 (d) 1

Q.59. A certain sum becomes 7 times of itself in 10 years at a rate of simple interest. In 20 years it will become how many times of itself at the same rate of simple interest ?
(a) 14 (b) 10 (c) 12 (d) 13

Q.60. Vikram scored 32 percent marks in an exam and failed by 15 marks. If he scores 57 percent marks, then he gets 10 marks more than passing marks. What should be the passing marks for the exam ?
(a) 57 (b) 52 (c) 49 (d) 47

English

Q.61. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
A stick in the mud
(a) A person with no character
(b) A person without any fear
(c) A person who resists change
(d) A generous person

Q.62. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
The matter was discussed **privately without any intruders.**
(a) Run out of steam
(b) Behind closed doors
(c) On the fence
(d) Through thick and thin

Q.63. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
A large number of people have been get clean and pure water.
(a) No improvement
(b) have been getting
(c) has been got
(d) been gets

Q.64. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Consumers sometimes has a good ability to identify counterfeit logos when the legitimate brand is well-recognized.
(a) legitimate brand is well-recognized.
(b) No error
(c) Consumers sometimes has a good ability to
(d) identify counterfeit logos when the

Q.65. Fill in the blank with the most appropriate option.
The horn of the car ahead was _____ by the resistance of the thick air.
(a) dim (b) faint (c) mute (d) muffled

Q.66. Choose the most appropriate antonym of the underlined word.
The cow happily recovered, which the widow entirely attributed to the **efficacy** of her pastor's prayer.
(a) Inadequacy (b) Potency
(c) Virtue (d) Effect

Q.67. Select the most appropriate option for the given blank.
You must _____ your defeat now, as you are left with no soldiers.
(a) defer (b) admit (c) buy (d) get

Q.68. Select the most appropriate word to fill in the blank.
They ___a mammoth task ahead of them.
(a) have (b) does (c) needs (d) has

Q.69. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I am not the most wisest person here to teach you this lesson.
(a) I am not the most wisest
(b) teach you this lesson.
(c) No error
(d) person here to

Q.70. Replace the bracketed word with one of the given options, which suitably replaces the word without changing the meaning of the sentence:
A successful outcome could ultimately lead to its use in (autonomous) planetary rovers and robot aircraft.
(a) obstruct (b) independent
(c) unanimous (d) occlude

Q.71. Choose the word that means the same as the given word.
Fantastically
(a) Scantily (b) Scarcely
(c) Fabulously (d) Nominally

Q.72. Select the most appropriate option for the given blank.
There is no need to jump to a ___so soon.
(a) resistance (b) incision
(c) conclusion (d) finale

Q.73. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
A thousand years ago, boys and girls did not learnt to read.
(a) boys and girls did
(b) No error
(c) A thousand years ago
(d) not learnt to read.

Q.74. The sentence has been divided into three parts, identify the segment which contains a spelling error in the sentence given below. Choose no error if there is no error in the sentence.
The seizmic zoning displayed/that the area had been prone/ to many earthquakes.

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(a) no error
(b) that the area had been prone
(c) The seizmic zoning displayed
(d) to many earthquakes.

Q.75. Select the sentence with no spelling errors.
(a) We were disillusioned when we saw how the movie star acted in reale life.
(b) We were disillusioned when we saw how the mouvie star acted in real life.
(c) We were disillusioned when we saw how the movie star acted in real life.
(d) We were disilusioned when we saw how the movie star acted in real life.

Cloze Test :
Direction :- [Q.76. to Q.80.]
The India Meteorological department (IMD) had (76) _____a warning regarding a heatwave for March 8 and 9 for Goa. The warning stated, "With the strengthening of easterly winds, clear sky (77) _____and delay in setting time of sea breeze, the maximum temperature over Goa is likely to remain 4-6°C (78) ___than its normal value. Persistence of these conditions is likely to satisfy the criteria of a heat wave over Goa (79) _____ Thursday". Many schools in Goa are conducting exams and have been (80)_____ to advance the timing.

Q.76. (a) mitigated (b) produced
(c) issued (d) distributed

Q.77. (a) conditions (b) phases
(c) complications (d) adjustments

Q.78. (a) High (b) Highly
(c) Highest (d) higher

Q.79. (a) at (b) in (c) over (d) on

Q.80. (a) asking (b) said (c) tell (d) told

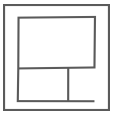
Answer Key :-

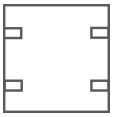
1.(a)	2.(a)	3.(b)	4.(c)
5.(c)	6.(b)	7.(d)	8.(a)
9.(c)	10.(b)	11.(c)	12.(b)
13.(a)	14.(d)	15.(d)	16.(d)
17.(c)	18.(c)	19.(b)	20.(a)
21.(b)	22.(b)	23.(d)	24.(c)
25.(a)	26.(b)	27.(b)	28.(a)
29.(d)	30.(b)	31.(c)	32.(c)
33.(b)	34.(d)	35.(b)	36.(b)
37.(b)	38.(c)	39.(b)	40.(d)
41.(d)	42.(c)	43.(d)	44.(d)
45.(a)	46.(d)	47.(b)	48.(d)

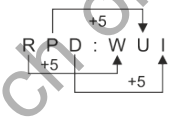
49.(c)	50.(d)	51.(a)	52.(d)
53.(a)	54.(d)	55.(a)	56.(c)
57.(c)	58.(b)	59.(d)	60.(d)
61.(c)	62.(b)	63.(b)	64.(c)
65.(d)	66.(a)	67.(b)	68.(a)
69.(a)	70.(b)	71.(c)	72.(c)
73.(d)	74.(c)	75.(c)	76.(c)
77.(a)	78.(d)	79.(d)	80.(d)

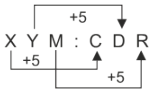
Solutions :-

Sol.1.(a)
Given : $8 + 6 \times 4 - 3 \div 1 = 2$
After going through all the options, option(a) gets satisfied. Now, interchanging '+' and '–'& 6 and 3.
We get ;
$8 - 3 \times 4 + 6 \div 1 = 2$
8 - 12 + 6 ⇒ 14 - 12 = 2
LHS = RHS

Sol.2.(a)


Sol.3.(b)


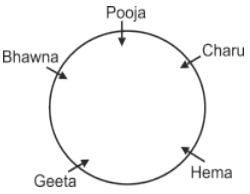
Sol.4.(c)


Similarly,


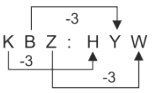
Sol.5.(c)

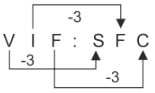

Sol.6.(b)
The correct dictionary sequence is ;
Smack → Small → Smart → Smash → Smatter
Hence, the word which will come at 3rd position is 'Smart'

Sol.7.(d) Logic : Sum of the place value of letters + 4
MATURE →
(13 + 1 + 20 + 21 + 18 + 5) + **4** = 82
HIGHER →
(8 + 9 + 7 + 8 + 5 + 18) + **4** = 59
Similarly,
ASIAN → (1 + 19 + 9 + 1 + 14) + **4** = 48

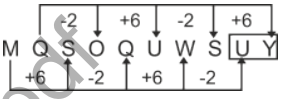
Sol.8.(a)


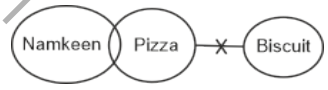
Clearly, we can see that Geeta is sitting immediate right of Bhawna.

Sol.9.(c)


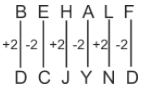
Similarly,


Sol.10.(b)

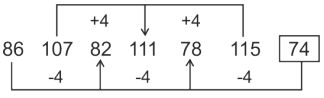

Sol.11.(c)


Sol.12.(b)


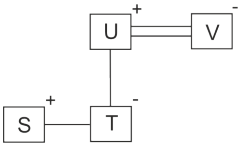
Clearly, we can see that both conclusions II and III follow.

Sol.13.(a)


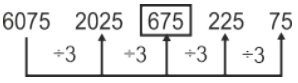
Similarly,


Sol.14.(d)


Sol.15.(d) Given : $5 - 3 \times 0 + 1 = 2$
After going through all the options, option(d) gets satisfied.
Now, Interchanging 2 and 0 we get ;
$5 - 3 \times 2 + 1 = 0$
5 - 6 + 1 = 0 ⇒ 0 = 0
LHS = RHS

Sol.16.(d)
Applying the directions given in the question, we have following family tree :


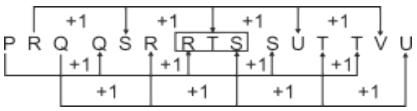
Clearly, we can see that V is the mother of T.

Sol.17.(c)


Sol.18.(c)

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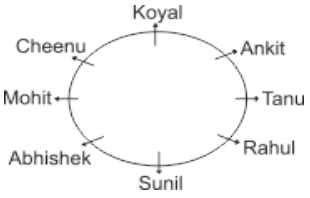
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Sol.19.(b)



Sol.20.(a)



Clearly, we can see that Mohit is sitting second to the left of Koyal.

Sol.21.(b) Kandahar (Afghanistan)**.** The Rock Edicts of Kalsi in Uttarakhand are a group of Indian rock inscriptions written by Emperor Ashoka around 250 BCE. Maski is a town and archaeological site in the Raichur district of Karnataka. The Junagadh Rock Inscription of Rudradaman (also known as the Girnar Rock Inscription of Rudradaman) is located in Junagadh, Gujarat.

Sol.22.(b) Afghanistan and Pakistan. India shares its land boundaries with seven countries: Pakistan and Afghanistan in the northwest, China (Tibet), Nepal, and Bhutan in the north, and Myanmar and Bangladesh in the east. Our southern neighbors across the sea include two island countries, namely Sri Lanka and the Maldives.

Sol.23.(d) Kisan e-Mitra. The Pradhan Mantri Kisan Samman Nidhi (PM-KISAN), a Central Sector Scheme, was launched in February 2019. Under the scheme an income support of 6,000/- per year in three equal installments will be provided to all land holding farmer families. Ministry - Ministry of Agriculture and Farmers Welfare.

Sol.24.(c) 1949. The Banking Regulation Act, 1949 is a legislation in India that regulates all banking companies in India. It came into force on 16 March 1949 and changed to Banking Regulation Act 1949 from 1 March 1966. It is applicable in Jammu and Kashmir from 1956.

Sol.25.(a) Joyeeta Gupta. The Dutch Research Council (NWO) Spinoza Prize is the highest award in Dutch academia for researchers who according to international standards belong to the absolutely best researchers worldwide. The award is the highest scientific award in the Netherlands. The prize is named after Baruch Spinoza.

Sol.26.(b) Part IV of the Constitution of India (Article 36–51) contains the Directive Principles of State Policy (DPSP). They are borrowed from the Constitution of Ireland, which had copied it from the Spanish Constitution. The DPSP is not enforceable by law; it is non-justiciable.

Sol.27.(b) Deuce. Tennis scoring system - A player or team has to win 4 points to win a game. Any game starts at 0-0 and the zero point in tennis is called love. The progression of points occurs as follows: First point - 15, Second point - 30, Third point - 40, Fourth point - Game. After deuce, the player who wins the next point has advantage.

Sol.28.(a) 2007-2012. The 11th five year plan was aimed "Towards Faster & More Inclusive Growth". Target Growth rate - 9%. Actual Growth rate - 8%. The first five-year plan in India was launched in 1951. The Five Year Plans were formulated, implemented and regulated by a body known as the Planning Commission. The Planning Commission was replaced by a think tank called NITI AAYOG in 2015.

Sol.29.(d) Sitar. Pt. Ravi Shankar received the Bharat Ratna in 1999, the Padma Vibhushan in 1981, the Padma Bhushan in 1967, and the Sangeet Natak Akademi Award in 1962. Famous sitar players: Wahid Khan, Mushtaq Ali Khan, Nikhil Banerjee, Shamim Ahmed Khan, Shahid Parvez, Budhaditya Mukherjee, Kartick Kumar, and Harvinder Kumar Sharma.

Sol.30.(b) Hinduism has been called the oldest religion in the world. It is also described as Sanatana Dharma. According to the 2011 census, 79.8% of the population of India practices Hinduism, 14.2% adheres to Islam, 2.3% adheres to Christianity, 1.7% adheres to Sikhism, 0.7% adheres to Buddhism, and 0.4% adheres to Jainism.

Sol.31.(c) Naga. The Hornbill Festival, also known as the 'Festival of Festivals,' is an annual event celebrated from December 1 to 10 in the northeastern Indian state of Nagaland. This festival was initiated by the Government of Nagaland in 2000. Other festivals in Nagaland include Sekrenyi, Moatsu Mong, Bushu, Yemshe, Metumniu, Metemneo, Ngada, Tokhu Emong, Tuluni, Sukrunye, and Naknyulum.

Sol.32.(c) Increasing atomic masses. Newlands' law of octaves states that "When the elements are arranged in an increasing order of their atomic masses, the properties of the eighth element are similar to the first." According to Newlands' Law of Octaves, there are 56 elements that exist in nature.

Sol.33.(b) Jharkhand
has various traditional dance forms, including Mardani Jhumar, Paika, Chhau, Santhal Dance, Agni Dance, Phagua, Nachni. Other states and dances: Kerala - Kathakali, Mohiniyattam, Theyyam, Koothu. Uttar Pradesh - Kathak, Ramlila, Braj Raslila, Charkula, Rasiya. Tamil Nadu - Bharatanatyam, Karakattam, Mayil Attam, Kummi, Theru Koothu.

Sol.34.(d) 3rd. The Green Revolution involved the development of high-yielding varieties of wheat and rice. Dr. M.S. Swaminathan is known as the father of the Indian Green Revolution, while Norman Borlaug is considered the father of the Green Revolution worldwide. The Third Five-Year Plan aimed to make India a self-reliant economy, with a target growth of 5.6%, but achieved only 2.8%.

Sol.35.(b) Rowlatt Act. The Jallianwala Bagh massacre (also known as the Amritsar massacre) took place on April 13, 1919. A large, peaceful crowd had gathered at Jallianwala Bagh in Amritsar, Punjab, British India, during the annual Baishakhi fair to protest against the Rowlatt Act, which was passed in March, 1919. This act authorized the government to imprison or confine, without trial, any person associated with seditious activities.

Sol.36.(b) Japan (Aichi-Nagoya) will host the 2026 Asian Games, also known as the 20th Asian Games (Motto: Imagine One Asia). The Asian Games were first held in 1951 in New Delhi. The games are held every four years and are organized by the Olympic Council of Asia (OCA). The 2022 Asian Games were held in Hangzhou, China.

Sol.37.(b) Hockey. Sports and Cups/Trophies: Hockey - Beighton Cup, Murugappa Gold Cup, Ranjit Singh Gold Cup, Scindia Gold Cup. Cricket - Irani Trophy, Vijay Merchant Trophy, Cooch Behar Trophy.

Sol.38.(c) Sikkim. According to the 2011

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Census: Most populous states - Uttar Pradesh, Maharashtra, Bihar; Least populous states - Sikkim, Mizoram, Arunachal Pradesh; Most populous union territory - Delhi; Least populous union territory - Lakshadweep.

Sol.39.(b) Tapan Kumar Pattanayak (Seraikella). Chhau is performed in three styles: Purulia Chhau (West Bengal), Seraikella Chhau (Jharkhand), and Mayurbhanj Chhau (Odisha). Notable Chhau dancers include Kedar Nath Sahoo (Seraikella), Shashadhar Acharya, and Gambhir Singh Mura (Purulia).

Sol.40.(d) Part V (The Union): Article 89 (1) - The Vice- President of India shall be ex officio Chairman of the Council of States. Article 89 (2) - The Council of States shall, as soon as may be, choose a member of the Council to be Deputy Chairman thereof and, so often as the office of Deputy Chairman becomes vacant, the Council shall choose another member to be Deputy Chairman thereof.

Sol.41.(d)



Work done by Monu for 75 days
= 1 × 75 = 75 unit
Remaining work = 250 - 75 = 175 unit
Time taken by Sonu to complete the r
remaining work = $\frac{175}{2}$ = 87.5 days

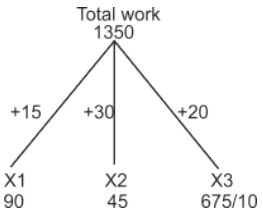
Sol.42.(c) Let the present ages of 3 people be $3x$, $5x$ and $7x$
Sum of their present ages = 87 + 6 × 3
= 105 yrs
ATQ, $3x + 5x + 7x = 105$
$15x = 105 \Rightarrow x = 7$
Present ages of 3 people be 21 yrs, 35 yrs and 49 yrs

Sol.43.(d)
Total surface area of the sphere = $4\pi r^2$
= $4 \times \frac{22}{7} \times 3.5 \times 3.5 = 154\ cm^2$

Sol.44.(d) $443 - 226 \div 2 \times 5$
$443 - 113 \times 5 \Rightarrow$ 443 - 565 = -122

Sol.45.(a)
Let the usual speed of bus be x km/hr
ATQ, $\frac{300}{x} - \frac{300}{x+10} = 1$
$300 \times \frac{10}{x(x+10)} = 1$
$x^2 + 10x = 3000$
$x^2 + 10x - 3000 = 0 \Rightarrow x = 50$ km/hr

Sol.46.(d)



If X2 do not leave the work then he did the work in 13.5 days = 13.5 × 30
= 405 units
X2 works till the work is completed, then total work = 1350 + 405 = 1755 unit
Time taken by all of them to complete the whole work
= $\frac{1755}{15+30+20} = \frac{1755}{65}$ = 27 days
So, the whole work was completed in 27 days.

Sol.47.(b)
MP : SP = 11800 : 7788 = 50 : 33
Required discount%
= $\frac{50-33}{50} \times 100 = 34\%$

Sol.48.(d) % decrease
= $\frac{800-720}{800} \times 100 = \frac{80}{8} = 10\%$

Sol.49.(c) Correct average
= $130 + \frac{32-23}{13} = 130 + 0.69 = 130.69$

Sol.50.(d) Let the original CP of an article be $100x$
Original SP of the article
= $100x \times 90\% = 90x$
New CP = $100x \times 70\% = 70x$
New SP = $90x$ - 26
ATQ, $70x \times 110\% = 90x - 26$
$77x = 90x - 26 \Rightarrow 13x = 26 \Rightarrow x = 2$
So, the CP of the article
= $100x = 100 \times 2 = ₹200$

Sol.51.(a) Rem $(\frac{35^{29}}{10}) = \frac{5^{29}}{10} = \frac{5 \times 5^{28}}{10}$
$= \frac{5^{28}}{2} = \frac{1^{28}}{2} = 1 \times 5 = 5$

Sol.52.(d) LCM of(13,9,7) = 819
Prithvi $\rightarrow \frac{10 \times 63}{13 \times 63} = \frac{630}{819}$
Celine $\rightarrow \frac{7 \times 91}{9 \times 91} = \frac{637}{819}$
Vikram $\rightarrow \frac{5 \times 117}{7 \times 117} = \frac{585}{819}$
Clearly, we can see that Celine has a greater ratio of pears to peaches.

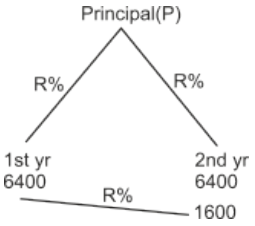
Sol.53.(a) Average weight of class = 42 kg
Net deviation in the average weight of new students = -9 - 3 = -12
New average weight = 42 - $\frac{12}{24}$
= 42 - 0.5 = 41.5 kg

Sol.54.(d) Price $\propto \frac{1}{Quantity}$

Price	100	: 70	= 10 : 7
Quantity		7	: 10

7 unit ---------- 35 mangoes
10 unit ---------- $\frac{35}{7} \times 10$ = 50 mangoes

Sol.55.(a)
ATQ, We have following diagram ;



(CI - SI) for 2yrs = 14400 - 12800 = ₹1600
SI for 1 yr = $\frac{12800}{2}$ = 6400
rate% = $\frac{1600}{6400} \times 100 = 25\%$
Principal amount = $6400 \times \frac{100}{25}$
= ₹25600

Sol.56.(c) $2016 \div 4 + 32 \times 6 - 26 \times 3$
$504 + 192 - 78 = 618$

Sol.57.(c) MP : CP = 6 : 5
MP of chair = 220 + 20 = ₹240
6 unit ---------- ₹240
5 unit ---------- $\frac{240}{6} \times 5$ = ₹200
Profit = 220 - 200 = ₹20
profit% = $\frac{20}{200} \times 100 = 10\%$

Sol.58.(b) $(48 - (20 - 8)) \div (4 \times 3)$
$(48 - 12) \div 12 = 36 \div 12 = 3$

Sol.59.(d) Principal : Amount = 1 : 7
SI for 10 yrs = 7 - 1 = 6 unit
Then SI for 20 yrs = $\frac{6}{10} \times 20$ = 12 unit
Hence, the principal becomes 13 times i.e.(1 + 12) of itself.

Sol.60.(d) ATQ, 32% + 15 = 57% - 10
25% = 15 + 10 = 25
Then, 1% = 1
So,the passing marks for the exam
= 32% + 15 = 32 + 15 = 47

Sol.61.(c) A stick in the mud- a person who resists change.
E.g.- He's such a stick in the mud, refusing to try new foods or go anywhere unfamiliar.

Sol.62.(b) Behind closed doors- privately without any intruders.
E.g.- The negotiations were held behind

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closed doors to keep the details secret.

Sol.63.(b) have been getting
'Have been + V_{ing}' is grammatically the correct structure for the given sentence which is in the present perfect continuous tense (used for an activity starting in the past and still continuing). Hence, 'have been getting' is the most appropriate answer.

Sol.64.(c) Consumers sometimes has a good ability to
'Has' must be replaced with 'have'. 'Consumer' is a plural subject, so it will take a plural verb. Hence, 'consumers sometimes have a good ability to' is the most appropriate answer.

Sol.65.(d) muffled
'Muffled' means a sound that is quiet or not clear. The given sentence states that the horn of the car ahead was muffled by the resistance of the thick air. Hence, 'muffled' is the most appropriate answer.

Sol.66.(a) Inadequacy- inability to deal with a situation or with life.
Efficacy- the ability to produce the desired effect or result.
Potency- the strength or power of something, especially in terms of effectiveness.
Virtue- moral goodness or excellence.
Effect- the result or outcome produced by an action or cause.

Sol.67.(b) admit
'Admit' means to accept. The given sentence states that you must admit your defeat now, as you are left with no soldiers. Hence, 'admit' is the most appropriate answer.

Sol.68.(a) have
'They' is a plural subject, therefore it will take the plural verb 'have'. Hence, 'have' is the most appropriate answer.

Sol.69.(a) I am not the most wisest
'Wisest' is the correct superlative degree. 'Most' will be removed. Hence, 'I am not the wisest' is the most appropriate answer.

Sol.70.(b) Independent - able to act or function on their own.
Autonomous- capable of operating without direct human control.
Obstruct- to block or hinder the progress or movement of something.
Unanimous- complete agreement among all parties or members.
Occlude - to block, close up, or obstruct.

Sol.71.(c) Fabulously- exceptionally good, wonderful, or impressive.
Fantastically- extremely good or impressive.
Scantily- insufficient in amount, size, or degree.
Scarcely- almost not at all.
Nominally - existing as something in name only.

Sol.72.(c) conclusion
'Conclusion' means a final decision or judgment. The given sentence states that there is no need to jump to a conclusion so soon. Hence, 'conclusion' is the most appropriate answer.

Sol.73.(d) not learnt to read.
'Learnt' must be replaced with 'learn'. 'Do/does/did' takes the first form of the verb. Hence, 'not learn to read' is the most appropriate answer.

Sol.74.(c) The seizmic zoning displayed
'Seismic' is the correct spelling.

Sol.75.(c) We were disillusioned when we saw how the movie star acted in real life.
'Disillusioned', 'movie' and 'real' are the correct spellings.

Sol.76.(c) issued
'Issued' means to make something official. The given passage states that the India Meteorological department (IMD) had issued a warning regarding a heatwave for March 8 and 9 for Goa. Hence, 'issued' is the most appropriate answer.

Sol.77.(a) conditions
'Condition' refers to a particular state. Hence, 'conditions' is the most appropriate answer.

Sol.78.(d) higher
We use a comparative degree with 'than' to make a comparison. Hence, 'higher' is the most appropriate answer.

Sol.79.(d) on
'On' is used for days, months, years, or centuries. Hence, 'on' is the most appropriate answer.

Sol.80.(d) told
'Have been + V_3' is the correct verb for the passive voice of present perfect tense. 'Said' is used to simply make a statement whereas 'told' is used to give commands also. Hence, 'have been told (V_3) to advance' is the most appropriate answer.

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SSC GD Constable 21/02/2024 (1st Shift)

Reasoning

Q.1. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
defgh_defghidefg_idefghidef_hidefghide_ghi
(a) ihhf (b) ehgf (c) ihgf (d) defg

Q.2. In a certain code language, if TEA is coded as RFY, COFFEE is coded as APDGCF, then what will SUGAR be coded as?
(a) QSEYP (b) QVEBP
(c) TVHBS (d) QTEZP

Q.3. In the following question, select the related letter pair from the given alternatives.
DGKX : FIMZ :: ?
(a) WXZB : MLUD (b) XCBA : TSBO
(c) BLRO : AYWZ (d) FVKG : HXMI

Q.4. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements:
I. Some U are C.
II. No L is U.
Conclusion:
I. Some L are U.
II. Some C are not L.
(a) Both conclusions I and II follows
(b) Only conclusion I follows
(c) Neither conclusion follows
(d) Only conclusion II follows

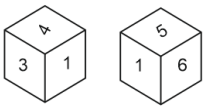
Q.5. In a certain code language, if RAINBOW is coded as 'S19OC15X' and SUNSHINE is coded as 'T21OTI9O5', then what will MOONLIGHT be coded as?
(a) N1515M9OHIU (b) N1515ON9HIU
(c) N1515O9MHIU (d) N1515OM9HIU

Q.6. P, Q, R, S, T, U and V are sitting in a row facing North. U is to the immediate right of T. T is fourth to the right of V. R is the neighbour of Q and S. Person who is third to the left of S is at one of ends. Who is sitting on the immediate right of R?
(a) U (b) Q (c) P (d) S

Q.7. In the following question, select the related letters from the given alternatives.
AEI : ACI : : NRV : ?
(a) RQP (b) UVB (c) NPV (d) CBA

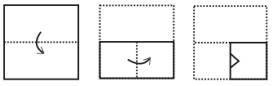
Q.8. In the following question, select the missing number from the given series.
74, 61, 82, 53, 90, ?
(a) 44 (b) 40 (c) 43 (d) 45

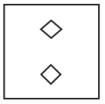
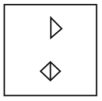
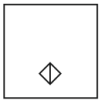
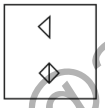
Q.9. Two positions of a dice are given below. What will come on the face opposite to the face containing '3' on it?



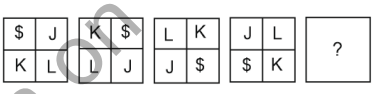
(a) 6 (b) 5 (c) 4 (d) 2

Q.10. A paper is folded and cut as shown below. How will it appear when unfolded?



(a)  (b) 
(c)  (d) 

Q.11. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

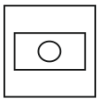
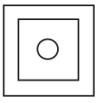
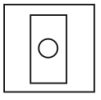
Q.12. Seven girls P, Q, R, S, T, U and V are sitting in a row facing towards the south (not necessarily in the same order). Q and R are immediate neighbour of each other. Q is at one of the extreme ends. P is fourth to the left of Q . U is not the immediate neighbour of either P or R. S is second to the right of V. Who is sitting on the immediate right of R?
(a) V (b) P (c) Q (d) T

Q.13. Which of the following numbers will replace the question mark (?) in the given series?
8, 16, 7, 14, 5, 10, 1, 2, ?
(a) -7 (b) 4 (c) 7 (d) 9

Q.14. After arranging the given words according to dictionary order, which word will come at 'Fourth' position
1. Private 2. Prison 3. Privacy
4. Privy 5. Privilege
(a) Privilege (b) Prison
(c) Privy (d) Privacy

Q.15. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



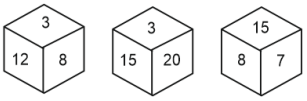
(a)  (b) 
(c)  (d) 

Q.16. Which two signs should be interchanged to make the given equation correct?
28 + 12 - 6 × 40 ÷ 8 = 46
(a) × and - (b) × and +
(c) + and ÷ (d) + and -

Q.17. P + Q means P is the brother of Q, P × Q means P is the mother of Q, P ÷ Q means P is the father of Q and P - Q means P is the sister of Q . If A × B ÷ C - D + E - F, then how is A related to F?
(a) Father's sister (b) Mother
(c) Mother's mother (d) Father's mother

Q.18. If 6 @ 10 # 5 * 7 = 63 and 4 @ 3 # 2 * 5 = 15, then 4 @5 # 6 * 7 = ?
(a) 41 (b) 28 (c) 39 (d) 18

Q.19. Three different positions of the same dice are given below. Find the number opposite of 7.



(a) 12 (b) 20 (c) 15 (d) 3

Q.20. A series is given with one term missing. Select the correct alternative from the given ones lect that will complete the series.
LMRC, PQVG, TUZK , XYDO, ?
(a) BTSQ (b) RBMN (c) BMRN (d) BCHS

General Awareness

Q.21. Which state's Chief Minister launched 'Kalaignar Magalir Urimai Thogai Thittam' initiative with the goal of empowering the women of the state?
(a) West Bengal (b) Madhya Pradesh
(c) Tamil Nadu (d) Kerala

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Q.22. Into how many distinctive types of territories was the Harshvardhan's Dynasty divided?
(a) Four (b) Three (c) Two (d) Five

Q.23. Duleep Trophy is associated with _____.
(a) badminton (b) cricket
(c) football (d) basketball

Q.24. Read the following about the impact of Green Revolution to the farmers in India.
A. The introduction of the Green Revolution helped the farmers in raising their level of income.
B. Farmers ploughed back their surplus income for improving agricultural productivity. Identify the INCORRECT statement/statements.
(a) Only A (b) Neither A nor B
(c) Only B (d) Both A and B

Q.25. Under the Pradhan Mantri Jan Dhan Yojana (PMJDY), ___of households provided with a Jan Dhan Account in Madhya Pradesh as on August 09, 2023.
(a) 50 percent (b) 25 percent
(c) 75 percent (d) 100 percent

Q.26. Ustad Bismillah Khan is a famous exponent of _____.
(a) dholak (b) shehnai
(c) tabla (d) harmonium

Q.27. Which of the following article of Indian Constitution is related to the Finance Commission of India?
(a) Article 280 (b) Article 290
(c) Article 260 (d) Article 270

Q.28. Green revolution can also be termed as _____.
(a) World revolution
(b) White revolution
(c) Blue revolution
(d) Agricultural revolution

Q.29. Which of the following articles of the Indian Constitution mentions that no person accused of any offence shall compelled to be a witness against himself?
(a) Article 14 (b) Article 18
(c) Article 16 (d) Article 20

Q.30. In which sport the Participants are called Pugilist ?
(a) Badminton (b) Hockey
(c) Boxing (d) Tennis

Q.31. With the Theory of Relativity, _____ transformed the landscape of physics, this theory majorly contributed to designing the theory of Quantum Mechanics.
(a) Albert Einstein (b) Galileo Galilei
(c) Paul G. Hewitt (d) Isaac Newton

Q.32. To which of the following states does the dance form Lavani belong?
(a) Tamil Nadu (b) Madhya Pradesh
(c) Maharashtra (d) Assam

Q.33. Which of the following is the highest award for dance in India?
(a) Guru Debaprasad Award
(b) Nritya Shiromani
(c) Kalidas Samman
(d) Sangeet Natak Akademi Award

Q.34. Which of the neighbouring countries used to be parts of India?
(a) Nepal and China
(b) Indonesia and Bhutan
(c) Pakistan and Bangladesh
(d) Sri Lanka and Maldives

Q.35. Which of the following states have the lowest female literacy rates as per 2011 census?
(a) Jharkhand (b) Uttar Pradesh
(c) Rajasthan (d) Kerala

Q.36. Who was awarded the 'Udyog Ratna' award (2023) established by the Maharashtra government?
(a) Ratan Tata (b) Anand Mahindra
(c) Adi Godrej (d) Laxmanrao Kirloskar

Q.37. Which sport is played by the Indian sportsperson Anaka Alankamony ?
(a) Squash (b) Table Tennis
(c) Badminton (d) Hockey

Q.38. The Service Tax, a tax on services like telephone services, stock brokers, health clubs, beauty parlors, dry cleaning services, etc., was introduced in _____.
(a) 1994-95 (b) 1993-94
(c) 1991-92 (d) 1992-93

Q.39. Sarojini Naidu served as President of the Indian National Congress in ____.
(a) 1925 (b) 1935 (c) 1931 (d) 1921

Q.40. The "Losar" festival, celebrated in Ladakh and Tibetan communities, marks the _____.
(a) New Year Festival
(b) Winter Solstice Festival
(c) Harvest Festival
(d) Monsoon Festival

Quantitative Aptitude

Q.41. Evaluate: 6 + 2 × (9 - 4) ÷ 2.
(a) 12 (b) 14 (c) 11 (d) 16

Q.42. Ramesh's salary is 20 percent more than Raman's salary. If Ramesh saves Rs. 33750 which is 75 percent of his salary, then what is Raman's salary ?
(a) Rs.30750 (b) Rs.35700
(c) Rs.35500 (d) Rs.37500

Q.43. The selling price of an article is Rs. 1690. If a discount of 35 percent is given, then what will be the marked price of the article?
(a) 2600 (b) 2500 (c) 2800 (d) 2700

Q.44. If 70 percent of total articles are sold at a profit of 20 percent and remaining articles are sold at a loss of 10 percent, then what will be the overall profit percentage?
(a) 12 % (b) 8 % (c) 15 % (d) 11 %

Q.45. What is the value of $2.\overline{3} + 4.\overline{3}$?
(a) $\frac{21}{4}$ (b) $\frac{22}{7}$ (c) $\frac{20}{3}$ (d) $\frac{18}{7}$

Q.46. Find the value of
$(27 \times 50) \div 25 \times 5(15 - 14) + 800 \div 25$.
(a) 366 (b) 420 (c) 302 (d) 312

Q.47. P and Q together can complete a work in 30 days. Q and R together can complete the same work in 37.5 days. R and P together can complete the same work in 150 days. In how many days can all the three complete the same work while working together ?
(a) 20 (b) 25 (c) 35 (d) 30

Q.48. The average income of 35 employees is Rs. K. If the income of manager is also included, then the average income becomes Rs. 19000. If the income of the manager is Rs.54000, then what is the value of K?
(a) Rs. 19,200 (b) Rs. 18,000
(c) Rs. 18,800 (d) Rs. 17,700

Q.49. Average age of 22 teachers is 64 years. After involving a new teacher What is the age of the new teacher? in that group the average increases by 1 year
(a) 93 years (b) 87 years
(c) 89 years (d) 91 years

Q.50. The simple interest received on a sum for 20 years is $\frac{2}{5}$ of the sum. What is the annual rate of interest?
(a) 2 percent (b) 2.5 percent
(c) 3 percent (d) 4 percent

Q.51. What is the value of 64 percent of 512 + 46 percent of 215 ?
(a) 426.58 (b) 424.58
(c) 427.58 (d) 428.58

Q.52. In a mixture, milk and water are in ratio of 2 : 3. Some milk is added to the

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mixture because of which ratio of milk and water becomes 10 : 3. How much milk was added as a percentage of initial mixture?
(a) 100 % (b) 140 % (c) 160 % (d) 120 %

Q.53. Arvind can do a work in 20 days and Bakshi in 22 days. If they work on it together for 5 days, then the fraction of the work that is left is:
(a) $\frac{23}{44}$ (b) $\frac{28}{15}$ (c) $\frac{17}{7}$ (d) $\frac{63}{20}$

Q.54. A man buys 35 pens for a rupee. How many pens should he sell for a rupee to earn a profit of 40 percent?
(a) 34 (b) 25 (c) 27 (d) 37

Q.55. The ratio of the income to the expenditure of a family is 19 : 13. If the family's expenses are ₹ 29,510, then find the savings of the family.
(a) ₹13,620 (b) ₹15,550
(c) ₹14,440 (d) ₹12,240

Q.56. A 600 metres long train crosses a man walking in opposite direction in 20 seconds. If the speed of train is 5 times to the speed of man, then what is the speed of train?
(a) 90 km/hr (b) 108 km/hr
(c) 54 km/hr (d) 72 km/hr

Q.57. Find the height of the triangle whose base is $\frac{5}{7}$th of its height and whose area is $18.207 cm^2$.
(a) 7.14 cm (b) 8 cm
(c) 2.25 cm (d) 14.7 cm

Q.58. What is the value of $(0.5)^2 + (0.05)^2$?
(a) 0.2525 (b) 0.255 (c) 2.5 (d) 0.5025

Q.59. On Selling a book at 16/25 of the marked price there is a loss. What will be the ratio of marked price and selling price of the book ?
(a) 3 : 8 (b) 8 : 3 (c) 25 : 16 (d) 16 : 15

Q.60. Simple interest and compound interest (compounding annually) on a principal at a certain rate of interest for 2 years is Rs. 12000 and Rs. 14400 respectively. What is the principal?
(a) Rs. 15000 (b) Rs. 22000
(c) Rs. 17000 (d) Rs. 18000

English

Q.61. Select the most appropriate option for the given blank.
_____ each other's hands; otherwise, you will fall.
(a) Carry (b) Keep (c) Clap (d) Hold

Q.62. Select the most appropriate option for the given blank.
It's _____ to see how the movie star acted in real life.
(a) Disappointed (b) has disappointed
(c) Disappoint (d) Disappointing

Q.63. Choose the most appropriate synonym of the underlined word.
That young woman has a **tendency** to date men who are similar to her father.
(a) Apathy (b) Inactivity
(c) Indifference (d) Propensity

Q.64. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The truck driver pull over to the side of the road.
(a) pulls under (b) pulled over
(c) pulling over (d) No improvement

Q.65. Fill in the blank with the most appropriate option.
Banda Bahadur was defeated by Farrukhsiyar and put to death in 1716, _____the Shikh polity, once again, became leaderless.
(a) thus (b) however
(c) because (d) henceforth

Q.66. Select the incorrectly spelt word from the given sentence.
An increasingly smart navigation aids in the cockpit brought far greater precisi on and effeciency to route planning.
(a) effeciency (b) precision
(c) navigation (d) increasingly

Q.67. Choose the most appropriate antonym of the underlined word.
And death and **bereavement** are hardly the only troubles that this conflict brings to a Palestinian childhood.
(a) Comfort (b) Distress
(c) Tribulation (d) Sorrow

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Technologies that circumvent censorship is increasingly a matter of life and death.
(a) matter of life and death
(b) Technologies that circumvent
(c) censorship is increasingly a
(d) No error

Q.69. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
I loved Joe - perhaps for no best reason / in those early days than / because the dear fellow let me love him.
(a) in those early days than
(b) I loved Joe - perhaps for no best reason
(c) No error
(d) because the dear fellow let me love him.

Q.70. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no error if there is no error in the sentence.
She travelled to the/ co"Accordingly" is an adverb that means "in a way that is appropriate to the particular circumstances."
"According" is a preposition that means "as stated by" or "in agreement with."
inference accordingly to/ her manager's instructions.
(a) no error
(b) conference accordingly to
(c) her manager's instructions.
(d) She travelled to the

Q.71. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Play your ace
(a) Use your best resource
(b) To play carefully
(c) End an activity
(d) To sell a property

Q.72. Select the sentence with no spelling errors.
(a) But he always replied only with a superior smile when asked by reporters to put the philsophy and the tripel ethic into words.
(b) But he always replied only with a supereor smile when asked by reporters to put the philosophy and the triple ethic into words.
(c) But he always replied only with a superior smile when asked by reporters to put the philosophy and the triple ethic into words.
(d) But he always replied only with a superior smile when asked by reporters to put the philusophy and the triple ethic into words.

Q.73. Select the most appropriate option for the given blank.
Please give me one more_____ to prove my innocence.
(a) bet (b) chance (c) occasion (d) blind

Q.74. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Stop preaching. You must understand that **it is tougher to do something in reality than to say or think**.
(a) Easier said than done

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(b) Bolt from the blue
(c) Make no bones about
(d) Chew the cud

Q.75. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The flowers have a very strongly scent.
(a) very strongest (b) very strong
(c) very stronger (d) No improvement

Cloze Test :
Direction :- [Q.76. to Q.80.]
Welcoming the Italian Prime Minister on her first (76) _____to India, the President said that she was happy to see a young and confident woman (77)_____Italy. She noted that Ms. Meloni is not only the first woman Prime Minister of Italy but also the (78) _____ ever Prime Minister of her country.
The President said that India and Italy enjoy excellent friendly relations. As modern and mature democracies, India and Italy are committed to achieving economic growth based (79)_____ the rule of law, respect for human rights, and inclusive development. She expressed confidence that this visit would re-energize India-Italy (80)_____relations.

Q.76. (a) visit (b) reach
(c) calling (d) launching

Q.77. (a) leading (b) executing
(c) procuring (d) expanding

Q.78. (a) younger (b) youngest
(c) youthful (d) young

Q.79. (a) along (b) On (c) to (d) At

Q.80. (a) bilateral (b) corporeal
(c) solitary (d) exclusive

Answer Key :-

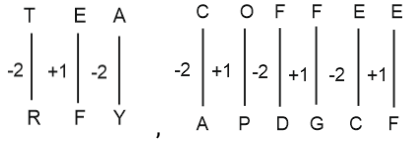
1.(c)	2.(b)	3.(d)	4.(d)
5.(d)	6.(d)	7.(c)	8.(d)
9.(b)	10.(a)	11.(c)	12.(c)
13.(a)	14.(a)	15.(a)	16.(d)
17.(d)	18.(a)	19.(d)	20.(d)
21.(c)	22.(c)	23.(b)	24.(b)
25.(d)	26.(b)	27.(a)	28.(d)
29.(d)	30.(c)	31.(a)	32.(c)
33.(d)	34.(c)	35.(c)	36.(a)
37.(a)	38.(a)	39.(a)	40.(a)
41.(c)	42.(d)	43.(a)	44.(d)
45.(c)	46.(c)	47.(d)	48.(b)

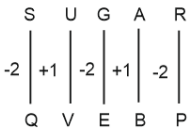
49.(b)	50.(a)	51.(a)	52.(c)
53.(a)	54.(b)	55.(a)	56.(a)
57.(a)	58.(a)	59.(c)	60.(a)
61.(d)	62.(d)	63.(d)	64.(b)
65.(a)	66.(a)	67.(a)	68.(c)
69.(b)	70.(b)	71.(a)	72.(c)
73.(b)	74.(a)	75.(b)	76.(a)
77.(a)	78.(b)	79.(b)	80.(a)

Solutions :-

Sol.1.(c) defgh**i** / defghi / defg**h**i / defghi / def**g**hi / defghi / de**f**ghi

Sol.2.(b)





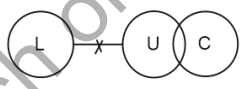
Similarly,

Sol.3.(d)



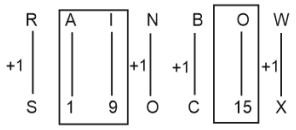
Similarly

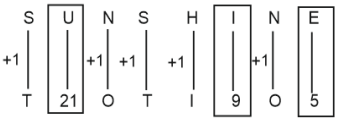
Sol.4.(d)

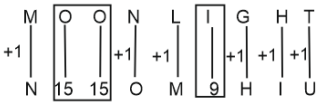


Clearly, we can see that only conclusion II follows.

Sol.5.(d) Logic : consonant letters are increased by +1 and vowels are coded as its place value in alphabetical series

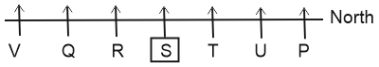




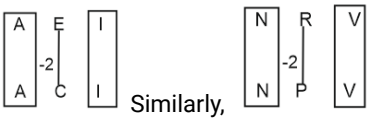


Similarly,

Sol.6.(d)

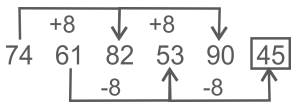


Sol.7.(c)

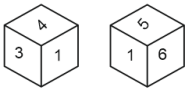


Similarly,

Sol.8.(d)

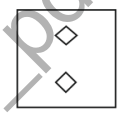


Sol.9.(b)

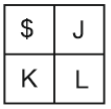


In figure 1 and 2, we get '1' as common. So moving clockwise from common no '1'.we get
3 and 5 are opposite pairs.
Hence, the face opposite to the face containing '3' on dice = 5

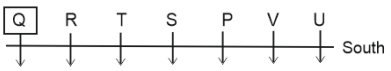
Sol.10.(a)



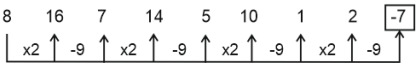
Sol.11.(c)



Sol.12.(c)

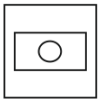


Sol.13.(a)



Sol.14.(a)
The correct dictionary sequence is :
Prison → Privacy → Private → Privilege → Privy
Hence, the word which will come at 4th position is Privilege

Sol.15.(a)



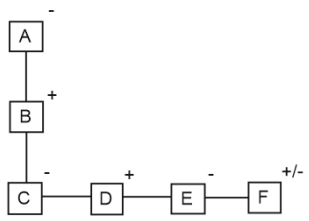
Sol.16.(d)
Given : 28 + 12 - 6 × 40 ÷ 8 = 46
After checking all the options one by one , only option (d) satisfied.
Now, interchanging + and - we get;
28 - 12 + 6 × 40 ÷ 8 ⇒ 16 + 30 = 46
LHS = RHS

Sol.17.(d)
Applying the directions given in the

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question, we get following family tree ;



Clearly, we can see that A is father's mothers of F.

Sol.18.(a)

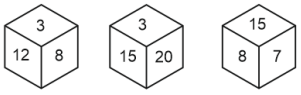
Logic : After interchanging @, # and * with '+' , '×' and '+' respectively we get

6 @ 10 # 5 * 7 = 63 ⇒ 6 + 10 × 5 + 7 = 63

4 @ 3 # 2 * 5 = 15 ⇒ 4 + 3 × 2 + 5 = 15

Similarly, 4 @5 # 6 * 7 = 4 +5 × 6 + 7 = **41**

Sol.19.(d)

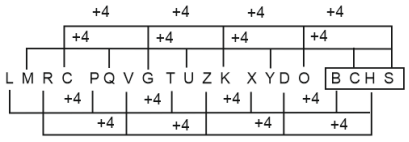


In figure 1 and 3, we get '8' as common. So moving clockwise from common no '8'.we get

3 and 7 are opposite pairs.

Hence, 3 is opposite to 7.

Sol.20.(d)



Sol.21.(c) Tamil Nadu. In this scheme the entitlement of ₹12,000 per annum is meant to improve their livelihood, enhance their standard of living, and help them live with self-respect in society. More Schemes of Tamil Nadu (2024)- 'Tamil Pudhalvan', 'You Are Your Own King', 'Imaigal', 'Neengal Nalama', 'Tholkudi Thittam', 'Punnagai Thittam'.

Sol.22.(c) Two. Harshavardhana, the last ruler of the Vardhana Empire, also known as the Pushyabhuti dynasty, divided his empire into two distinctive types of territories: areas directly under Harsha's rule such as Central Provinces, Gujarat, Bengal, Kalinga, Rajputana, and the states and kingdoms which had become feudatories under him including Jalandhar, Kashmir, Nepal, Sind, Kamarupa (modern-day Assam).

Sol.23.(b) Cricket. The Duleep Trophy is a domestic first-class cricket competition played in India. The first edition was held in 1961-62 and was named after the former cricketer Duleepsinhji. Other trophies related to cricket include the C.K. Naidu Trophy, Rani Jhansi Trophy, Deodhar Trophy, Ranji Trophy, Vijay Hazare Trophy, Syed Mushtaq Ali Trophy and Moin-ud-Dowlah Gold Cup.

Sol.24.(b) Neither A nor B. The Green Revolution was implemented during the Third Five-Year Plan (1961-66). Positive effects included an increase in crop production, India becoming self-sufficient in food grains, and an increase in rural employment due to higher demand for labor. Father of the Green Revolution in India - M.S. Swaminathan. Father of the Green Revolution in the World - Norman Borlaug.

Sol.25.(d) 100 percent. PMJDY was launched on 28th August 2014, aiming to provide universal access to banking facilities for all households across the country through a bank branch or a fixed-point business correspondent, known as a Bank Mitra.

Sol.26.(b) Shehnai. Ustad Bismillah Khan was awarded the Bharat Ratna in 2001, the Padma Vibhushan in 1980, and the Padma Bhushan in 1968. Musical Instruments and Exponents: Shehnai - Pt. Raghunath Prasanna, Krishna Ram Chaudhary, Ali Ahmad Hussain; Tabla - Ustad Ahmed Jan Thirakwa, Pt. Samta Prasad; Harmonium - Appa Jalgaonkar, Tulsidas Vasant Borkar.

Sol.27.(a) Article 280. The first Finance Commission was set up in 1951 under the chairmanship of K.C. Neogy. Other articles: Article 260 - Jurisdiction of the Union in relation to territories outside India. Article 270 - Taxes levied and distributed between the Union and the States. Article 290 - Adjustment in respect of certain expenses and pensions. Article 290A - Annual payment to certain Devaswom Funds.

Sol.28.(d) Agricultural revolution. Agricultural Revolutions in India and its Father: White Revolution or Operation flood (Milk Production) - Dr. Varghese Kurien; Blue Revolution (Fish Production) - Dr. Arun Krishnan and Dr. Harilal Chaudhari; Yellow Revolution (Oil Seeds) - Sam Pitroda; Red Revolution (meat and tomato production) - Vishal Tewari; Golden Revolution (horticulture and honey production) - Nirpakh Tutaj.

Sol.29.(d) Article 20 is mentioned in Part III (Fundamental rights) of the Indian constitution. Other Articles: Article 14 - Equality before law. Article 15 - Prohibition of discrimination on grounds of religion, race, caste, sex or place of birth. Article 16 - Equality of opportunity in matters of public employment. Article 17 - Abolition of Untouchability. Article 18 - Abolition of titles.

Sol.30.(c) Boxing. Pugilist is a historical term originated from the Latin word "pugil" which means a fist-fighter or boxer. Boxing terminologies: Clinch, Eight count, Jab, Knockdown, Second, Shoulder roll, Southpaw, Toe-to-toe.

Sol.31.(a) Albert Einstein's important works include the Special Theory of Relativity (1905), Relativity (English translations in 1920 and 1950), the General Theory of Relativity (1916), Investigations on the Theory of Brownian Movement (1926), and The Evolution of Physics (1938). Other discoveries: Galileo Galilei - Law of Falling Bodies. Isaac Newton - The universal law of gravitation.

Sol.32.(c) Maharashtra. Indian States and dances: Maharashtra - Dhangari Gaja, Povada dance, Waghya Murali dance, Koli dance. Madhya Pradesh - Bhagoria, Pardhauni, Swang, Matki. Assam - Deva-nati or Nati-nach, Oja-Pali, Sattriya, Bagurumba. Tamil Nadu - Karakattam, Kummi, Mayil Aattam, Poikkal Kudirai Aattam.

Sol.33.(d) Sangeet Natak Akademi Award is given by the Sangeet Natak Akademi and was first awarded in 1952. It consists of a cash prize of ₹1,00,000, a citation, an angavastram (a shawl), and a tamrapatra (a brass plaque). The National Nritya Shiromani Award is given to outstanding dance performers and musicians from India and abroad. The Kalidas Samman is presented by the Government of Madhya Pradesh.

Sol.34.(c) Pakistan and Bangladesh were parts of India before gaining independence. Pakistan was created in 1947 when British India was partitioned, and Bangladesh, formerly East Pakistan, became an independent country in 1971 after separating from West Pakistan (now Pakistan).

Sol.35.(c) Rajasthan. As per the 2011 Census, the literacy rate at the all-India level was 74.04%, with female and male literacy rates at 65.46% and 82.14%, respectively. Kerala had the highest male literacy rate (96.11%) and the highest female literacy rate (92.07%). Bihar had the lowest male literacy rate (71.20%) and the lowest female literacy rate (51.50%).

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Sol.36.(a) Ratan Tata. The Udyog Ratna award was established by the Maharashtra government to honor outstanding contributions to the industry sector. Other awards received by Ratan Tata include the Padma Bhushan (2000), Padma Vibhushan (2008), and Assam Baibhav (2021).

Sol.37.(a) Squash. Anaka Alankamony received the Arjuna Award in 2014. Indian Squash players: Sourav Ghosal, Joshna Chinnapa, Dippika Rebecca Pallikal, and Anahat Singh.

Sol.38.(a) 1994-95. Service tax is a tax imposed by the Government of India on services provided in India. The Dr. Raja Chelliah Committee on tax reforms recommended the introduction of service tax.

Sol.39.(a) 1925. Sarojini Naidu, known as the Nightingale of India, was the first Indian woman to serve as the President of the Indian National Congress (INC) and the first Governor of the United Provinces (now Uttar Pradesh) after India's independence. The first President of the INC was Womesh Chandra Bonnerjee.

Sol.40.(a) New Year Festival. Losar festival traces its origin to the Tibetan New Year. In Ladakh, it is celebrated every year at the end of the harvesting season. Buddhist festivals: Saga Dawa, Buddha Purnima, Ullambana, Kathina, Hemis Festival, and Madhu Purnima.

Sol.41.(c) 6 + 2 × (9 - 4) ÷ 2
6 + 2 × 5 ÷ 2 ⇒ 6 + 5 = 11

Sol.42.(d) Let Ramesh's and Raman's salary be $6x$ and $5x$ respectively
According to the question,
$6x \times 75\% = 33750$
$4.5x = 33750 \Rightarrow x = \frac{33750}{4.5} = 7500$
So, salary of Raman = $5x$ = 5 × 7500
= ₹37500

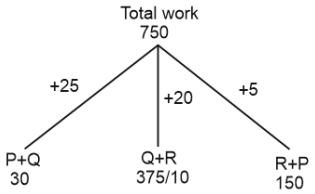
Sol.43.(a) MP × (100 - 35)% = 1690
MP × 65% = 1690
MP = $1690 \times \frac{100}{65}$ = ₹2600

Sol.44.(d)
No of articles 70 30 = 7 : 3
Profit/Loss% +20% -10%
Overall profit% = $\frac{7 \times 20\% - 3 \times 10\%}{7+3}$
= $\frac{110}{10}\%$ = 11%

Sol.45.(c) $2.\overline{3} + 4.\overline{3} = 2 + 0.\overline{3} + 4 + 0.\overline{3}$
$= 6 + (\frac{3}{9} \times 2) = 6 + \frac{2}{3} = \frac{20}{3}$

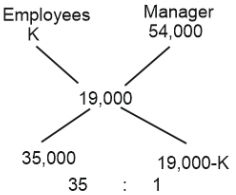
Sol.46.(c)
(27 × 50) ÷ 25 × 5(15 - 14) + 800 ÷ 25
1350 ÷ 25 × 5 × 1 + 32
54 × 5 + 32 = 270 + 32 = 302

Sol.47.(d)



Efficiency(P + Q + R) = $\frac{25+20+5}{2} = \frac{50}{2}$
= 25 unit
Time taken by all of them to complete the whole work = $\frac{750}{25}$ = 30 days

Sol.48.(b)
Using Alligation method, we have;



So, we have ;
$\frac{35,000}{19,000-K} = \frac{35}{1}$
1000 = 19,000 - K ⇒ K = 18,000

Sol.49.(b)
Age of new teacher = 64 + 1 × 23 = 87 yrs

Sol.50.(a)
SI : Principal = 2 : 5 = 40 : 100
SI for 20 yrs = 40 unit
Then SI for 1 yr = $\frac{40}{20}$ = 2 unit
Rate = $\frac{2}{100} \times 100 = 2\%$

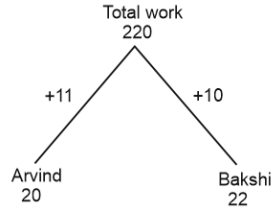
Sol.51.(a) 64% of 512 + 46% of 215
$\frac{64 \times 512}{100} + \frac{46 \times 215}{100}$
= 327.68 + 98.9 = 426.58

Sol.52.(c)

	Milk	Water	Total quantity
Initial mixture	2	: 3	= 5
Final mixture	10	: 3	= 13

Quantity of milk added = 10 - 2 = 8 unit
Required % = $\frac{8}{5} \times 100 = 160\%$

Sol.53.(a)



Work done by both in 5 days
= (11 + 10) × 5 = 105 unit
Remaining work = 220 - 105 = 115 unit
Required fraction = $\frac{115}{220} = \frac{23}{44}$

Sol.54.(b) Price $\propto \frac{1}{Quantity}$
Price 100 : 140 = 5 : 7
Quantity 7 : 5
7 unit ---------- 35 pens
5 unit ---------- $\frac{35}{7} \times 5$ = 25 pens

Sol.55.(a)
Income : Expenditure : Saving = 19: 13 : 6
13 unit ---------- ₹29,510
6 unit ---------- $\frac{29510}{13} \times 6$ = ₹13,620

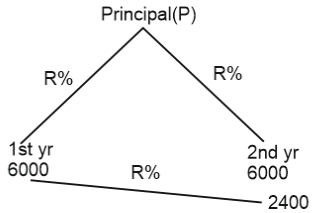
Sol.56.(a) Let the speed of man and train be x and $5x$ respectively
Relative speed when traveling opposite to each other = $x + 5x = 6x$
According to the question,
$6x = \frac{600}{20} = 30 \Rightarrow x = 5$
Then, Speed of train = $5x$ = 5 × 5
= 25 m/sec = $25 \times \frac{18}{5}$ = 90 km/hr

Sol.57.(a) Base(B) = $\frac{5}{7}$ Height(H)
Area of triangle = $\frac{1}{2} \times B \times H$
= $\frac{1}{2} \times \frac{5}{7}H \times H \Rightarrow 18.207 = \frac{5}{14}H^2$
$H^2 = \frac{18.207 \times 14}{5} = \frac{127449}{2500}$
$\Rightarrow H = \frac{357}{50}$ = 7.14 cm

Sol.58.(a)
$(0.5)^2 + (0.05)^2 = 0.25 + 0.0025 = 0.2525$

Sol.59.(c) MP : SP = 25 : 16

Sol.60.(a)



(CI - SI) for 2 yrs = 14400 - 12000
= ₹2400
SI for 1 yr = $\frac{12000}{2}$ = ₹6000
rate% = $\frac{2400}{6000} \times 100 = 40\%$
Principal amount = $6000 \times \frac{100}{40}$
= ₹15,000

Sol.61.(d) Hold

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'Hold' means to keep something in your hands. The given sentence states that you should hold each other's hands otherwise you will fall. Hence, 'hold' is the most appropriate answer.

Sol.62.(d) Disappointing
'Disappointing' is used when something is not as good as expected. Hence, 'disappointing' is the most appropriate answer.

Sol.63.(d) Propensity- a natural tendency to behave in a certain way.
Tendency- likely to do something naturally.
Apathy- showing little or no emotion.
Inactivity- not being active or productive.
Indifference- showing a lack of emotion or reaction.

Sol.64.(b) pulled over
'Pull over' is a phrasal verb which means to stop a vehicle for parking. The given sentence is in the past tense, so it will have the verb in the past form. Hence, 'pulled over' is the most appropriate answer.

Sol.65.(a) thus
'Thus' is used to indicate the result or consequences of an action. The given sentence states the outcome of the defeat of Banda Bahadur. Hence, 'thus' is the most appropriate answer.

Sol.66.(a) effeciency
'Efficiency' is the correct spelling.

Sol.67.(a) Comfort
Bereavement- the sorrow of losing someone important to us.
Distress- extreme sorrow, pain, or suffering.
Tribulation- severe hardship, difficulty, or adversity.
Sorrow- deep sadness or grief, often resulting from a loss or disappointment.

Sol.68.(c) censorship is increasingly a
'Is' must be replaced by 'are'. 'Technologies' is a plural subject and will take the plural verb 'are'. Hence, 'censorship are increasingly a' is the most appropriate answer.

Sol.69.(b) I loved Joe - perhaps for no best reason
'Best reason' must be replaced with 'better reason'. 'Better' is a comparative used with 'than' to compare between two things. 'Best' is a superlative, i.e. it states the position of this one thing compared to all the other things under discussion. Hence, 'I loved Joe - perhaps for no better reason' is the most appropriate answer.

Sol.70.(b) conference accordingly to
'According to' is the correct phrase. Hence, 'conference according to' is the most appropriate answer.

Sol.71.(a) Play your ace - use your best resource.
E.g.- She decided to play her ace by presenting her strongest argument in the final round of the debate.

Sol.72.(c) But he always replied only with a superior smile when asked by reporters to put the philosophy and the triple ethic into words.
'Triple', 'superior' and 'philosophy' are the correct spellings.

Sol.73.(b) chance
The given sentence is a request to give a person one more chance to prove his innocence. Hence, 'chance' is the most appropriate answer.

Sol.74.(a) Easier said than done- it is tougher to do something in reality than to say or think.

Sol.75.(b) very strong
The given sentence needs an adjective(strong) to describe the noun 'scent'. Hence, 'very strong' is the most appropriate answer.

Sol.76.(a) visit
'Visit' means an occasion when you go to a place. The given line of the passage is a statement of the President on welcoming the Italian Prime Minister on her first visit to India. Hence, 'visit' is the most appropriate answer.

Sol.77.(a) leading
'Leading' means controlling a nation. The given passage states that the President said that she was happy to see a young and confident woman leading Italy. Hence, 'leading' is the most appropriate answer.

Sol.78.(b) youngest
The superlative form 'youngest' will be used. We are comparing Ms. Meloni to all other Prime Ministers of her country in terms of age. Hence, 'youngest' is the most appropriate answer.

Sol.79.(b) On
Preposition 'on' is used to show the basis for something. Hence, 'on' is the most appropriate answer.

Sol.80.(a) bilateral
'Bilateral' means involving two sides or parties. The given passage talks about the relation between two countries, India and Italy. Hence, 'bilateral' is the most appropriate answer.

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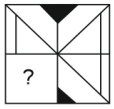
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SSC GD Constable
21/02/2024 (2nd Shift)

Reasoning

Q.1. Which of the following group of letters when arranged sequentially from left to right will complete the below series ?
b_ccddeeffbbccddeeffbbccddeef_bbccd de_f_
(a) eeff (b) bfef (c) befe (d) fefe

Q.2. Which of the following answer figures will complete the pattern of the question figure ? (Rotation is not allowed)

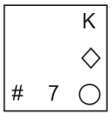


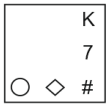
(a) 
(b) 
(c) 
(d) 

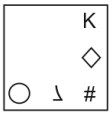
Q.3. Select the option from the following that is related to the fifth word in the same way as the fourth word is related to the third word, and the second word is related to the first word.
Bangalore : City of Garden :: Srinagar : City of Lakes :: Kolkata : ?
(a) City of Mountains (b) City of Joy
(c) City of Temples (d) City of Flowers

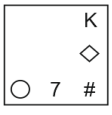
Q.4. In the following question, select the figure given in the options which can be placed in place of the question mark (?).



(a) 

(b) 

(c) 

(d) 

Q.5. Which of the following equations will not be correct if the two numbers given below are interchanged ?
3 and 8
(a) 8 × 2 - 3 ÷ 1 = - 2 (b) 8 + 4 × 3 - 6 = 29
(c) 3 - 8 + 6 = 12 (d) 9 + 8 - 3 × 1 = 4

Q.6. 'Q × R' means 'Q is the wife of R'
'Q + R' means 'Q is the husband of R'
'Q ÷ R' means 'Q is the daughter of R'
'Q - R' means 'Q is the mother of R'
In the expression 'W ÷ E + F - G' how is W related to G ?
(a) Mother (b) Wife
(c) Daughter (d) Sister

Q.7. Which of the following letters will come in place of question mark (?) in the given series ?
?, Y, V, S, P, M
(a) A (b) C (c) Z (d) B

Q.8. From the given option figures, select the figure in which the question figure is hidden/embedded. (rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.9. If 16 A 13 B 6 C 9 = 85 and 15 A 20 B 7 C 30 = 125, then 10 A 15 B 6 C 20 = ?
(a) 90 (b) 80 (c) 95 (d) 98

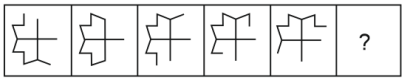
Q.10. Arrange the given words in the same order in which they appear in the English dictionary.
1. Line 2. Linament 3. Linger
4. Linear 5. Linguist
(a) 1, 2, 3, 4, 5 (b) 1, 2, 4, 3, 5
(c) 2, 1, 3, 4, 5 (d) 2, 1, 4, 3, 5

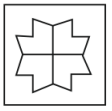
Q.11. Select the missing number from the following series from the given options.
22, 12, 13, 20.5, 42, ?
(a) 118 (b) 110 (c) 106 (d) 111

Q.12. In the following question, select the related letters from the given alternatives.
FXYI : EWXH : : GLNB : ?
(a) FKMA (b) XAQD (c) DMLU (d) XAPD

Q.13. In the following question some statements are given and some conclusions based on those statements. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and then decide which of the given conclusions logically follows from the given statements.
Statements:
I. All L are V.
II. No L is J.
Conclusions:
I. All V are L.
II. All J are V.
(a) Only conclusion II follows
(b) Only conclusion I follows
(c) Both conclusions I and II follow
(d) None of the conclusions follow

Q.14. Select the figure from the given options which can be placed at the place of question mark (?) in the given figure series.



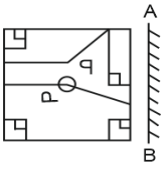
(a) 
(b) 
(c) 
(d) 

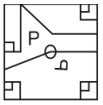
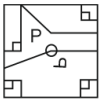
Q.15. Five persons A, B, C, D and E are sitting around a circular table facing the centre (but not necessarily in the same order).Only one person sits between C and D (counting from one side only). B sits second to the left of D. A sits immediate right of B. Who is sitting immediate left of B ?
(a) D (b) E (c) C (d) A

Q.16. In a certain code language, 'DEFINITE' is written as 'FITEDENI', 'BUFFALOW' is written as 'FFOWBUAL'. How will 'ATTACHED' be written in the same code language ?
(a) TAEADTCH (b) TEADATCH
(c) TAEDATCH (d) TAEDATHC

Q.17. Select the missing number from the following series from the given options.
41, 63, 85, 107, 129, ?
(a) 150 (b) 170 (c) 154 (d) 151

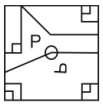
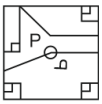
Q.18. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure ?



(a) 
(b) 

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(c)  (d) 

Q.19. In a certain code language, 'TIME' is written as '43', and 'WHEN' is written as '46'. How will 'TURN' be written in the same code language ?
(a) 73 (b) 69 (c) 67 (d) 64

Q.20. Eight boys A, B, C, D, E, F, G and H are sitting in a row facing south (but not necessarily in the same order). A and H are sitting at the extreme ends of the row. E and F are the nearest neighbours of B. C sits fourth to the left of B. F is sitting immediate left of A. D is not the nearest neighbour of C. Who is sitting immediate right of E ?
(a) B (b) D (c) G (d) F

General Awareness

Q.21. The capital of the Maurya Empire was _____ .
(a) Ujjaini (b) Suvarnagiri
(c) Pataliputra (d) Takshila

Q.22. In January 2023, which state government has passed a law providing 30 per cent horizontal reservation for women residents of the state in government jobs ?
(a) Bihar (b) Uttar Pradesh
(c) Himachal Pradesh (d) Uttarakhand

Q.23. Who among the following was honoured by the Sangeet Natak Akademi for his contribution to the Bharatanatyam dance form ?
(a) Maulik Shah (b) Akham Lakshmi Devi
(c) Surupa Sen (d) Radha Sridhar

Q.24. The second five-year plan emphasized rapid industrialization and the public sector. It was designed and planned under the leadership of _____ .
(a) K.V. Sundaram
(b) C. Rajagopalachari
(c) Subramanian Swamy
(d) P.C. Mahalanobis

Q.25. According to the World Bank, at what rate has extreme poverty decreased in India between 2011 and 2019 ?
(a) 13.3% (b) 12.3% (c) 14.3% (d) 15.3%

Q.26. Which country hosted the FIFA World Cup 2022 ?
(a) Germany (b) Saudi Arabia
(c) Brazil (d) Qatar

Q.27. Bohag Bihu is also known as _____ .
(a) Magh Bihu (b) Rangali Bihu
(c) Kati Bihu (d) Kongali Bihu

Q.28. What is the maximum number of members of Rajya Sabha ?
(a) 450 (b) 150 (c) 350 (d) 250

Q.29. FIFA World Cup 2022, which of the following country won ?
(a) Croatia (b) France
(c) Argentina (d) Germany

Q.30. The _____ is a cricket shot in which the batsman swings his bat vertically and hits the ball along the ground. The ball is hit between cover and mid-off.
(a) Front Foot Defense (b) Straight Drive
(c) Off drive (d) On Drive

Q.31. Ankita Raina plays which of the following sport ?
(a) Football (b) Lawn Tennis
(c) Cricket (d) Badminton

Q.32. As of July 2023, Deepika Deswal has become the youngest Indian to deliver a speech at the _____ for the third time.
(a) World Bank
(b) United Nations
(c) BRICS
(d) Shanghai Cooperation Organization

Q.33. The first and most important role of _____ is that it acts as a medium of exchange product.
(a) product (b) plan (c) budget (d) money

Q.34. Ranjit Singh Gold Cup is related to which of the following sports ?
(a) Cricket (b) Kabaddi
(c) Hockey (d) Polo

Q.35. "Make in India" was launched on 25 September _____ .
(a) 2015 (b) 2014 (c) 2011 (d) 2016

Q.36. Which of the following wars/battles is related to the hanging of Mangal Pandey ?
(a) Indian Rebellion of 1857
(b) Battle of Plassey
(c) First Anglo-Burmese War
(d) Second Anglo-Maratha War

Q.37. In May 2023, Indian-origin police officer Pratima Bhullar Maldonado has become the highest-ranking South Asian woman in the _____ Police Department.
(a) Paris (b) Ottawa
(c) New York (d) Vancouver

Q.38. According to the Indian Constitution, under which of the following circumstances some Fundamental Rights can be suspended ?
(a) During any emergency, whether national or local
(b) Fundamental rights cannot be suspended under any circumstances
(c) During peacetime
(d) During external emergencies, such as war or external aggression

Q.39. What is the chemical formula of barium hydroxide ?
(a) BaOH (b) Ba_2OH
(c) $Ba(OH)_3$ (d) $Ba(OH)_2$

Q.40. 'Bhaamaakalaapam', the story of Lord Krishna and his queen Satyabhama, is related to which dance form ?
(a) Kathak (b) Bharatanatyam
(c) Kuchipudi (d) Odissi

Quantitative Aptitude

Q.41. The marked price and selling price of an item are Rs 6600 and Rs 4752 respectively. What is the discount percentage ?
(a) 25 Percent (b) 34 Percent
(c) 32 Percent (d) 28 Percent

Q.42. Find the value of
$4400 - (3200 \div 16) + 32 \times 4$?
(a) 4164 (b) 3924 (c) 4068 (d) 4328

Q.43. The compound interest (compounded half - yearly) received on Rs 22000 for 2 years is Rs 10210.2. What is the annual rate of interest ?
(a) 25 Percent (b) 20 Percent
(c) 40 Percent (d) 30 Percent

Q.44. There is a loss of 18% when a table is sold for ₹ 11,480. Calculate the loss or profit percentage when the same table is sold for ₹ 15,540.
(a) loss of 12% (b) loss of 10%
(c) profit of 11% (d) profit of 12%

Q.45. A and B can complete a work in $\frac{14}{3}$ days while B and C can complete the same work in $\frac{12}{5}$ days and C and A can complete the same work in $\frac{16}{3}$ days. If all three of them work together, what fraction of the same work can they complete in 2 days ?
(a) $\frac{225}{336}$ (b) $\frac{127}{336}$ (c) $\frac{277}{336}$ (d) $\frac{275}{336}$

Q.46. Find the value of

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420 + 64 ÷ 8 - 3 × 2 ?
(a) 424 (b) 422 (c) 416 (d) 420

Q.47. Two numbers are given in such a way that the first number is half of the second number. If their average is 15, what is the first number ?
(a) 10 (b) 14 (c) 8 (d) 12

Q.48. A is first increased by 20 percent and then decreased by 30 percent. The final value of A is what percent of the initial value of A ?
(a) 156 percent (b) 94 percent
(c) 84 percent (d) 74 percent

Q.49. John deposited $1000 in a bank account that offers a simple interest rate of 5% per annum. How much interest will he receive after 2 years ?
(a) $115 (b) $120 (c) $100 (d) $110

Q.50. If the cost price of 5 shirts is the same as the selling price of 3 shirts, then find the profit percentage.
(a) 55.33% profit (b) 63.33% profit
(c) 66.66% profit (d) 33.66% profit

Q.51. The length of the side of a cube is 14 cm. What is the lateral surface area of the cube ?
(a) 856 cm^2 (b) 784 cm^2
(c) 512 cm^2 (d) 624 cm^2

Q.52. The average of 4 numbers is 24. The average of the first 2 numbers is twice the average of the last 2 numbers. What is the sum of the last 2 numbers ?
(a) 72 (b) 56 (c) 48 (d) 32

Q.53. A can complete a work in 7 hours, B and C can complete it in $\frac{21}{4}$ hours, and C and A can complete it in $\frac{7}{2}$ hours. How much time will B take to complete the work alone ?
(a) 22 hours (b) 20 hours
(c) 21 hours (d) 24 hours

Q.54. A book is sold at $\frac{5}{12}$ of its marked price and there is a loss of 50 percent. What will be the ratio of marked price and cost price of the book ?
(a) 2 : 5 (b) 3 : 8 (c) 5 : 6 (d) 6 : 5

Q.55. Find the fourth proportional to 30, 120 and 15.
(a) 60 (b) 90 (c) 100 (d) 120

Q.56. If U gets 5 percent more marks than V, then V's marks are what percent less than U's marks ?
(a) 3.7 percent (b) 4.7 percent
(c) 5.7 percent (d) 2.7 percent

Q.57. Which of the following numbers is not divisible by 11 ?
(a) 2763 (b) 2651 (c) 2728 (d) 2563

Q.58. If $\frac{4}{5}$th of A is equal to $\frac{2}{5}$th of B, then find the value of A : B.
(a) 2 : 3 (b) 1 : 2 (c) 2 : 1 (d) 3 : 4

Q.59. X starts from point P at a speed of 12 km/hr and 6 hours after his start, Y also starts from the same point P on his bicycle at a speed of 16 km/hr. At what distance will Y meet X from the starting point P ?
(a) 256 km (b) 324 km
(c) 288 km (d) 224 km

Q.60. Find the value of
42 + 43 - 6 of 4 × (45 ÷ (7 - 2)) ?
(a) - 131 (b) - 141 (c) - 111 (d) - 121

English

Q.61. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I want to loose weight, yet I eat chocolate daily.
(a) No improvement (b) lost weights
(c) lose weighted (d) lose weight

Q.62. Select the most appropriate option for the given blank.
The team _____ children on proper safety procedures.
(a) educated (b) educate
(c) education (d) educating

Q.63. Select the most appropriate option for the given blank.
I don't know why he _____ suicide despite being born into such a wonderful family.
(a) obligated (b) pledged
(c) executed (d) committed

Q.64. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
In the afternoon we walk in the Parks; / and I wondered who shod all the horses there, / and wished Joe did.
(a) and wished Joe did.
(b) In the afternoon we walk in the Parks;
(c) and I wondered who shod all the horses there,
(d) No error

Q.65. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
You could see/they were being careful as hell/not to drink up the minimum fastest.
(a) No error
(b) You could see
(c) not to drink up the minimum fastest.
(d) they were being careful as hell

Q.66. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The cakes was for her birthday.
(a) No improvement (b) cake are for
(c) cake is for (d) cakes is for

Q.67. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
I feel they are **watching me too closely and making me feel uncomfortable** in the new college.
(a) Run out of steam
(b) Breathing down one's neck
(c) Break a leg
(d) In the dark

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Each and every one of them want to discuss the post production amount.
(a) them want to discuss
(b) the post production amount.
(c) No error
(d) Each and every one of

Q.69. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
He had chop the onions on the cutting board.
(a) chopped the (b) No improvement
(c) chopping an (d) chop the

Q.70. Select the incorrectly spelt word from the given sentence.
Retail outlets are closing down, so the customers are left with no other choise but to make online purchase.
(a) purchase (b) choise
(c) Retail (d) customers

Q.71. Select the most appropriate meaning of the given idiom.
Shot in the arm.
(a) Something that lifts your spirit.
(b) To hit someone.
(c) To reveal what you really think.
(d) To take a chance.

Q.72. Select the sentence with no spelling errors.
(a) When placed on the column, each

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ring slid down to its corect position, if possible.
(b) When placed on the column, each ring slid down to its correct position, if possible.
(c) When placed on the colum, each ring slid down to its correct position, if possible.
(d) When placed on the column, each ring slid down to its correct position, if posible.

Q.73. Choose the word that is opposite in meaning to the given word.
Advantages
(a) Minuses (b) Refuges
(c) Boons (d) Adjourns

Q.74. Select the incorrectly spelt word from the given sentence.
And with modern technology, it would be possible to distribute lesure justly without injury to civilization.
(a) Possible (b) Technology
(c) Distribute (d) Lesure

Q.75. Choose the most appropriate antonym of the underlined word.
For twenty years you hold an innocent and **virtuous** woman under an infamous suspicion.
(a) Moral (b) Righteous
(c) Blameless (d) Unethical

Cloze Test :
Direction :- [Q.76. to Q.80.]
Several lines of geological evidence (76)_____ that an asteroid that was as much as 10 kilometers (6 miles) in diameter hit the Earth at the end of the Cretaceous (77)_____This evidence includes an ancient impact crater in the Yucatan Peninsula of Mexico that dates (78) _____the time of the extinction. The impact would have produced an enormous dust cloud that would have (79)_____ into the atmosphere and (80) _____ the planet.

Q.76. (a) intimate (b) indicate
(c) prevaricate (d) sign

Q.77. (a) period (b) span
(c) spell (d) space

Q.78. (a) in (b) for (c) to (d) of

Q.79. (a) raise in (b) risen up
(c) raised up (d) rise in

Q.80. (a) fenced (b) encircled
(c) captured (d) walled

Answer Key :-

1.(b)	2.(d)	3.(b)	4.(d)
5.(c)	6.(d)	7.(d)	8.(d)
9.(b)	10.(d)	11.(c)	12.(a)
13.(d)	14.(d)	15.(c)	16.(c)
17.(d)	18.(d)	19.(b)	20.(a)
21.(c)	22.(d)	23.(d)	24.(d)
25.(b)	26.(d)	27.(b)	28.(d)
29.(c)	30.(c)	31.(b)	32.(b)
33.(d)	34.(c)	35.(b)	36.(a)
37.(c)	38.(d)	39.(d)	40.(c)
41.(d)	42.(d)	43.(b)	44.(c)
45.(d)	46.(b)	47.(a)	48.(c)
49.(c)	50.(c)	51.(b)	52.(d)
53.(c)	54.(d)	55.(a)	56.(b)
57.(a)	58.(b)	59.(c)	60.(a)
61.(d)	62.(a)	63.(d)	64.(b)
65.(c)	66.(c)	67.(b)	68.(a)
69.(a)	70.(b)	71.(a)	72.(b)
73.(a)	74.(d)	75.(d)	76.(b)
77.(a)	78.(c)	79.(b)	80.(b)

Solutions :-

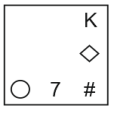
Sol.1.(b) b**b**ccddeeff / bbccddeeff / bbccddeef**f** /bbccdde**e**f**f**

Sol.2.(d)



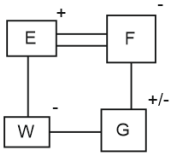
Sol.3.(b) As Bangalore is known as city of garden, Sri Nagar is known as city of lakes similarly Kolkata is known as city of joy.

Sol.4.(d)



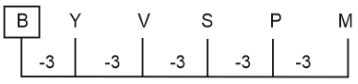
Sol.5.(c) After checking all the options, option c satisfies.
3 - 8 + 6 = 12
After interchanging 3 and 8 we get
8 - 3 + 6 = 11
L.H.S. ≠ R.H.S.

Sol.6.(d)

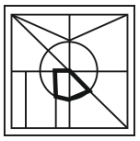


W is the sister of G.

Sol.7.(d)



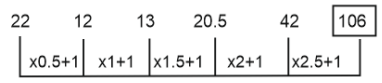
Sol.8.(d)



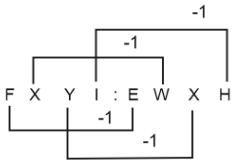
Sol.9.(b) Logic :- Interchanging A,B and C with + , × and - respectively we get
16 A 13 B 6 C 9 = 85
⇒ 16 + 13 × 6 - 9
⇒ 16 + 78 - 9 = 85
15 A 20 B 7 C 30 = 125
⇒ 15 + 20 × 7 - 30
⇒ 15 + 140 - 30 = 125
Similarly,
10 A 15 B 6 C 20
⇒ 10 + 15 × 6 - 20
⇒ 10 + 90 - 20 = 80

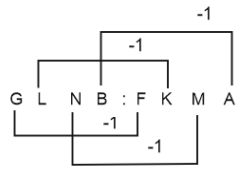
Sol.10.(d) The correct order is
Linament(2) → Line(1) → Linear(4) → Linger(3) → Linguist(5)

Sol.11.(c)



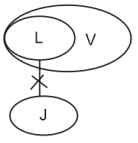
Sol.12.(a)





Similarly,

Sol.13.(d)



Neither conclusion follows.

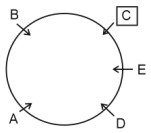
Sol.14.(d)



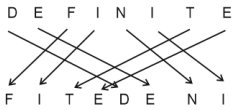
Sol.15.(c)

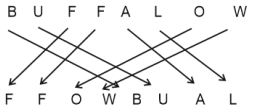
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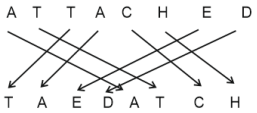
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Sol.16.(c)

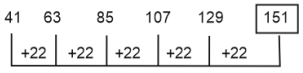




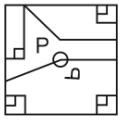


Similarly,

Sol.17.(d)

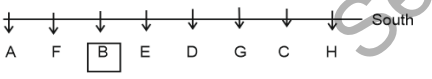


Sol.18.(d)



Sol.19.(b) Logic :- (Sum of the place value of letters) - 4
TIME :- (20 + 9 + 13 + 5) = 47
⇒ 47 - 4 = 43
WHEN :- (23 + 8 + 5 + 14) = 50
⇒ 50 - 4 = 46
Similarly,
TURN :- (20 + 21 + 18 + 14) = 73
⇒ 73 - 4 = 69

Sol.20.(a)



Sol.21.(c) Pataliputra. The Mauryan Empire (321 BCE - 185 BCE) had five major political centers including Pataliputra (capital), Taxila, Ujjayini, Tosali, and Suvarnagiri. Other important capitals in ancient India: Vaishali - Vrijji mahajanapada, Indraprastha - Pandavas, Kushinagar - Malla Republic.

Sol.22.(d) Uttarakhand.
Horizontal Reservation ensures equal opportunities for categories like women, veterans, transgender individuals, and those with disabilities, across all vertical categories. Article 15(3) of the Constitution addresses horizontal reservation. Vertical reservation - Reservation for SC, ST and OBC Classes. Article 16(4) of the Constitution contemplates vertical reservation.

Sol.23.(d) Radha Sridhar. She received this award in 2018. Other exponents of the sangeet natak academy awards (2018) include: Shri Maulik Shah for Kathak, Akham Lakshmi Devi for Manipuri dance, Shrimati Surupa Sen for Odissi dance.

Sol.24.(d) P.C. Mahalanobis. He was the Architect of Indian Planning. He established the Indian Statistical Institute (ISI) in Calcutta and launched the journal Sankhya, a respected forum for statisticians. The second five-year plan (1956-1961) was based on the Mahalanobis model.

Sol.25.(b) 12.3%. The extreme poverty count fell from 22.5% in 2011 to 10.2% in 2019 and the decline in rural areas was much higher than in urban areas. World bank : Headquarters - Washington D.C (USA), Founded - July 1944.

Sol.26.(d) Qatar. In the FIFA World Cup 2022, Argentina won by defeating France. Awards include the Golden Boot (top scorer), Golden Ball (best player), and Golden Glove. The tournament occurs every four years. The first World Cup - Uruguay in 1930. The 2026 World Cup will be hosted by the USA, Canada, and Mexico.

Sol.27.(b) Rongali Bihu. It is a festival of merriment and heralds the Assamese New Year and the onset of spring. Magh Bihu is also called Bhogali Bihu. Kati Bihu also called Kongali Bihu. Other festivals of Assam : Me-Dum-Me-Phi, Majuli Festival, Dehing Patkai Festival, Ali Ai Ligang.

Sol.28.(d) 250. The Rajya Sabha is the upper house of parliament in which 238 members are to be elected and 12 are to be nominated by the President of India. The Vice-President of India is the ex-officio Chairman of Rajya Sabha. The Lok Sabha's maximum strength is 550 members: 530 for States and 20 for Union Territories. Currently, it has 543 elected representatives.

Sol.29.(c) Argentina has won the FIFA World Cup three times (1978, 1986 and 2022). It hosted its first and only World Cup in 1978. FIFA World Cup 2022: Host - Qatar (the first Arab country to host FIFA). The 2026 FIFA World Cup host countries - U.S.A, Canada, and Mexico.

Sol.30.(c) Off drive. Other shots of Cricket : On Drive - It can be used to rotate the strike and hit occasional boundaries. Straight drive - It effectively combines all three methods to produce an aesthetically pleasing shot. Front Foot Defense - It is a deliberate shot that aims to prevent the ball from hitting the wicket or the player's pads.

Sol.31.(b) Lawn Tennis. Ankita Raina received the prestigious Arjuna Award in 2021. Other tennis players: Vijay Amritraj, Ramesh Krishnan, Mahesh Bhupathi, Rohan Bopanna, Sania Mirza.

Sol.32.(b) United Nations.
Deepika (social activist) is a law officer at the Supreme Court and a sportsperson, who has won six gold medals in inter-university tournaments. She was invited to deliver a speech on women's rights and human rights. Prime Minister Jawaharlal Nehru delivered his first address as Prime Minister of India to the UN General Assembly on 3 November 1948.

Sol.33.(d) money. Characteristics of Money: Fungible currency, Durable, Easily recognizable, Stability, Portable. Functions of Money: Used as a medium of exchange and it is the measure of value; Money is the standard of deferred payments, the transfer, and store of value; Distribution of social income, Basis of Credit Creation, Liquidity.

Sol.34.(c) Hockey. Other cups and trophies: Hockey - Agha Khan Cup, Allwyn Asia Cup, Azlan Shah Cup, Beighton Cup, Bhim Sain Trophy, BMW Trophy. Cricket - Duleep Trophy, Vijay hazare Trophy, Vijay Merchant Trophy. Polo - Ezar Cup, Gold Cup, King's Cup, President Cup. Kabaddi - Federation Cup.

Sol.35.(b) 2014. Make in India aims to transform the country into a leading global manufacturing and investment destination. Ministry - Ministry of Commerce and Industry. Other Important schemes: Stand up India Scheme - Launched on 5th April, 2016. Startup India - Launched on 16th January, 2016.

Sol.36.(a) Indian Rebellion of 1857. Mangal Pandey was a Sepoy in the 34th Bengal Native Infantry regiment of the British East India Company. On 29 March 1857, Pandey and his fellow sepoys rose up in rebellion against the British officers and attempted to shoot them. As a result

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of this, he was executed on 8th April, 1857, in Barrackpore.

Sol.37.(c) New York.
Pratima Bhullar Maldonado was born in Punjab and moved to the United States with her family when she was 9 years old. She joined the New York Police Department in 1999 and has served in a variety of roles, including patrol officer, detective, and sergeant.

Sol.38.(d) Article 358 suspends Fundamental Rights under Article 19 during a National Emergency. The 44th Constitutional Amendment Act made significant changes to this provision. After this amendment, the suspension of Article 19 rights under Article 358 applies only if the national emergency is declared on the ground of war or external aggression. If the emergency is declared on the ground of 'armed rebellion', the Article 19 rights are not automatically suspended.

Sol.39.(d) **$Ba(OH)_2$.** It occurs as an anhydrate whose prismatic, colorless crystals are very deliquescent. It is used as a general-purpose additive for lubricants and greases.

Sol.40.(c) **Kuchipudi** (Andhra Pradesh). 'Bhaamaakalaapam' dance entirely revolves around Satyabhama, wife of Lord Krishna. 'Daru,' is a small song and dance sequence related to the character. The artists wear ornaments made from a lightweight wood locally called 'Boorugu'.

Sol.41.(d) Marked price = ₹ 6600 and selling price = ₹ 4752

Discount % = $\frac{6600-4752}{6600} \times 100$

$= \frac{1848}{66} = 28\%$

Sol.42.(d) 4400 - (3200 ÷ 16) + 32 × 4
= 4400 - 200 + 128 = 4328

Sol.43.(b) According to question,
when principal is compounded half yearly,

Amount = P $(1 + \frac{R}{200})^{2T}$

$\Rightarrow (22000 + 10210.2) = 22000\ (1+\frac{R}{200})^4$

$\Rightarrow \frac{32210.2}{22000} = (1+\frac{R}{200})^4$

$\Rightarrow \frac{14641}{10000} = (1+\frac{R}{200})^4$

$\Rightarrow \frac{11}{10} = 1 + \frac{R}{200} \Rightarrow \frac{R}{200} = \frac{1}{10}$

$\Rightarrow$ R = 20%

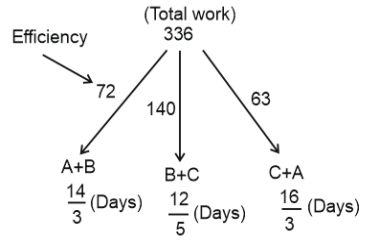
Sol.44.(c) According to question,

$\Rightarrow$ CP of a table = 11480 × $\frac{100}{82}$ = 14000

Profit % = $\frac{15540-14000}{14000} \times 100$

$= \frac{1540}{140} = 11\%$

Sol.45.(d)



work done by (A + B + C) in one day

$= \frac{275}{2} = 137.5$ units

According to question,
work done by (A + B + C) in two days
= 275 units

Now, Required fraction of work = $\frac{275}{336}$

Sol.46.(b) 420 + 64 ÷ 8 - 3 × 2
= 420 + 8 - 6 = 422

Sol.47.(a) Let the first numbers and second number $\frac{x}{2}$ and x be respectively,

According to question,

$\Rightarrow \frac{x}{2} + x = 15 \times 2$

$\Rightarrow x + 2x = 60 \Rightarrow x = 20$

First number = $\frac{20}{2} = 10$

Sol.48.(c) According to question,

$\Rightarrow A \times \frac{6}{5} \times \frac{7}{10} = \frac{21A}{25}$

Now,

Percentage = $\frac{\frac{21A}{25}}{A} \times 100$

$= \frac{21A}{25A} \times 100 = 84\ \%$

Sol.49.(c) S.I = $\frac{P \times R \times T}{100}$

$\Rightarrow$ S.I = $\frac{1000 \times 5 \times 2}{100}$ = \$ 100

Sol.50.(c) According to question,

$\Rightarrow$ CP of 5 shirt = SP of 3 shirt

$\Rightarrow \frac{CP}{SP} = \frac{3}{5}$

$\Rightarrow$ Profit % = $\frac{5-3}{3} \times 100 = 66.66\ \%$

Sol.51.(b)

Lateral surface area of a cube = $4a^2$

$= 4 \times 14 \times 14 = 784\ cm^2$

Sol.52.(d) Let the four numbers be a, b, c and d respectively,
Average of 4 numbers = 24

$\Rightarrow$ a + b + c + d = 96 .....(i)

According to question,

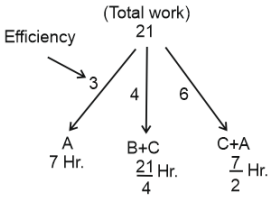
$\Rightarrow \frac{(a+b)}{2} = 2 \times \frac{(c+d)}{2}$

$\Rightarrow$ 2(c + d) = (a + b)

$\Rightarrow$ 2(c + d) = 96 - (c + d) (from eq, i)

$\Rightarrow$ (c + d) = 32

Sol.53.(c)



Efficiency of (C + A - B -C) = 6 - 4
Efficiency of (A - B) = 2 unit
Efficiency of B = A - 3
So, efficiency of B = 3 - 2 = 1 unit
Work done by B = $\frac{21}{1}$ = 21 hours

Sol.54.(d) Let the marked price be x
According to question,

S.P. of book = $\frac{5x}{12}$

CP of book = $\frac{5x}{12} \times \frac{100}{50} = \frac{5x}{6}$

Required Ratio $\Rightarrow x : \frac{5x}{6} \Rightarrow 6 : 5$

Sol.55.(a) Let the fourth proportion be x

$\frac{30}{120} = \frac{15}{x} \Rightarrow x = 60$

Sol.56.(b) According to question,

	U	V	
Ratio →	105	: 100	or 21 : 20

Required percentage = $\frac{1}{21} \times 100 = 4.76$ or 4.7 %

Sol.57.(a) After checking all options one by one, only option (a) satisfied.
"The given number can only be completely divided by 11 if the difference of the sum of digits at odd position and sum of digits at even position in a number is 0 or 11."

Sol.58.(b) $\frac{4}{5}$ of A = $\frac{2}{5}$ of B

So,

$\Rightarrow \frac{A}{B} = \frac{1}{2} \Rightarrow$ A : B = 1 : 2

Sol.59.(c) According to question,
Ratio of speed of x and y
= 12 : 16 or 3 : 4
Ratio of time of x and y = 4 : 3
$\Rightarrow$ 1 unit = 6 hours $\Rightarrow$ 3 unit = 18 hours

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So, Required distance = 16 × 18 = 288 km

Sol.60.(a) 42 + 43 - 6 of 4 × (45 ÷ (7 - 2))
= 42 + 43 - 24 × (9)
= 85 - 216 = -131

Sol.61.(d) lose weight
The first form of the verb is used after 'to'. Hence 'lose weight' is the most appropriate answer.

Sol.62.(a) educated
The sentence is in the past tense, therefore the past form of the verb, 'educated' will be used. Hence, 'educated' is the most appropriate answer.

Sol.63.(d) committed
The verb 'commit' is used with 'suicide', crime, mistake, etc. Hence, 'committed' is the most appropriate answer.

Sol.64.(b) In the afternoon we walk in the Parks;
The sentence is in the past tense, therefore the past form of the verb, 'walked' will be used. Hence, 'in the afternoon we walked in the Parks' is the most appropriate answer.

Sol.65.(c) not to drink up the minimum fastest.
'Fastest' must be replaced with 'too fast' to make the sentence meaningful. Hence, 'not to drink up the minimum too fast' is the most appropriate answer.

Sol.66.(c) cake is for
According to the "Subject-Verb Agreement" rule, 'the cake' is a singular subject and will take a singular verb(is). Hence, 'cake is for' is the most appropriate answer.

Sol.67.(b) Breathing down one's neck- watching me too closely and making me feel uncomfortable.

Sol.68.(a) them want to discuss
'Want' must be replaced with 'wants' because 'everyone/each/ every/ nothing/ everything/ anything/ either/ neither' represents a singular noun. Therefore, singular verb will be used with them. Hence,' them wants to discuss' is the most appropriate answer.

Sol.69.(a) chopped the
'Has/have/had' takes the third form of the verb. 'Chopped' is the third form of 'chop'. Hence, 'had chopped the' is the most appropriate answer.

Sol.70.(b) choise
'Choice' is the correct spelling.

Sol.71.(a) Shot in the arm- something that lifts your spirit.
E.g.- The unexpected praise from her boss boosted her confidence. It was a shot in the arm.

Sol.72.(b) When placed on the column, each ring slid down to its correct position, if possible.
'Column', 'correct' and 'possible' are the correct spellings.

Sol.73.(a) Minuses- negative aspects or disadvantages of something.
Advantages- positive aspects or benefits of something.
Refuges- places of shelter or protection.
Boons- something that is helpful or beneficial.
Adjourns- to temporarily postpone a meeting or session.

Sol.74.(d) Lesure
'Leisure' is the correct spelling.

Sol.75.(d) Unethical-going against social expectations of what is right.
Virtuous- displaying good moral qualities.
Moral- concerned with principles of right and wrong behavior.
Righteous- acting in accordance with moral principles.
Blameless- innocent or without blame.

Sol.76.(b) indicate
'Indicate' means to show or suggest. The given passage states that several lines of geological evidence indicate that an asteroid that was as much as 10 kilometers (6 miles) in diameter hit the Earth. Hence, 'indicate' is the most appropriate answer.

Sol.77.(a) period
'Period' refers to a length of time. The given passage states that an asteroid that was as much as 10 kilometers (6 miles) in diameter hit the Earth at the end of the Cretaceous period. Hence, 'period' is the most appropriate answer.

Sol.78.(c) to
'To' is a fixed preposition used after verbs 'date / date back' to indicate the origin of something. Hence, 'to' is the most appropriate answer.

Sol.79.(b) risen up
The third form of the verb is used with 'would have'. 'Risen up' means moved upward itself. 'Raised up' cannot be used as it means to lift something up by force but dust rises up naturally. Hence, 'risen up' is the most appropriate answer.

Sol.80.(b) encircled
'Encircled' means surrounded from all sides. The given passage states that the impact would have produced an enormous dust cloud that would have risen up into the atmosphere and encircled the planet. Hence, 'encircled ' is the most appropriate answer.

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SSC GD Constable 21/02/2024 (3rd Shift)

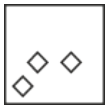
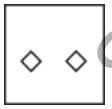
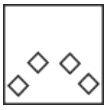
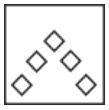
Reasoning

Q.1. Five people Amanda, Ben, Carol, David, and Emily are sitting on a circular table facing towards the center. Carol sits in between Ben and David. Emily sits to the left of Amanda. Amanda and David are not neighbours. Who sits to the immediate right of Amanda ?
(a) Carol (b) David (c) Emily (d) Ben

Q.2. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows the given statements.
Statements:
I. All W are C.
II. Some P are W.
Conclusion:
I. Some C are P.
II. No P is C.
III. Some C are W.
(a) Both conclusions II and III follows
(b) Both conclusion I and III follows
(c) Both conclusions I and II follows
(d) Only conclusion II follows

Q.3. A paper is folded and cut as shown below. How will it appear when unfolded?



(a) 
(b) 
(c) 
(d) 

Q.4. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



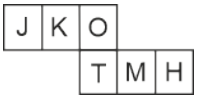
(a) 
(b) 
(c) 
(d) 

Q.5. Which two signs should be interchanged to make the given equation correct ?
15 ÷ 9 × 8 + 12 - 4 = 17
(a) × and - (b) + and ÷
(c) × and + (d) × and ÷

Q.6. Which of the following numbers will replace the question mark (?) in the given series? 8463, 8384, 8305, 8226, ?, 8068
(a) 8088 (b) 8147 (c) 8103 (d) 8184

Q.7. In the following question, select the missing number from the given series.
1, 16, 31, 46, 61, ?
(a) 78 (b) 70 (c) 76 (d) 80

Q.8. On folding the given die, which letter will be opposite to the letter K ?



(a) O (b) T (c) H (d) M

Q.9. In a certain code language, 'HOST' is coded as '9724', 'KINDO' is coded as '45310', 'KNOWS' is coded as '37654'. What can be the code for 'W' in that code language ?
(a) 6 (b) 5 (c) 4 (d) 7

Q.10. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
RMJE, VQNI, ZURM, DYVQ, ?
(a) HMCZ (b) HCZU (c) HMNR (d) HNRM

Q.11. Which two signs should be interchanged to make the given equation correct ?
10 - 3 + 2 × 12 ÷ 6 = 6
(a) - and = (b) × and +
(c) = and + (d) + and -

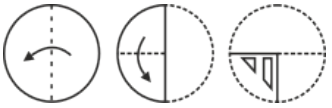
Q.12. Which of the following letter - number cluster will replace the blank (____) in the given series ?
YTW0,_____, UPS1, SNQ0, QLO1, OJM1
(a) WRU0 (b) WRU1 (c) VTU1 (d) VRW0

Q.13. After arranging the given words according to dictionary order, which word will come at 'Fifth' position ?
1. Whip 2. While 3. White
4. Whisk 5. Whiff
(a) Whisk (b) Whip (c) While (d) White

Q.14. Select the option that is related to the third word in the same way as the second word is related to the first word.
Artist: Canvas :: Sculptor : ?
(a) Paint (b) Pen (c) Stone (d) Paper

Q.15. In the following question, select the related letter pair from the given alternatives.
XKNS : WJMR :: ?
(a) MZJG : ARZO (b) KUQP : RSHO
(c) BOEF : DJKI (d) EADT : DZCS

Q.16. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened.



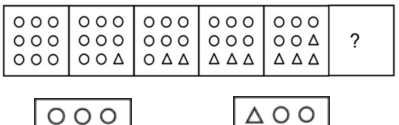
(a) 
(b) 
(c) 
(d) 

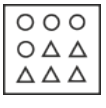
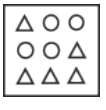
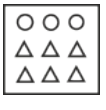
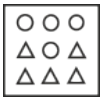
Q.17. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
PQMN, STPQ, VWST, YZVW, ?
(a) BCYZ (b) MCTQ (c) BTPQ (d) BMPQ

Q.18. In a certain code language, if ELEVEN is coded as GNGXGP, TWENTY is coded as VYGPVA, then what will FORTY be coded as ?
(a) HPTVA (b) HQTUA
(c) HTQVA (d) HQTVA

Q.19. Seven friends A, B, C, D, E, F, and G are sitting around a circular table facing away from the centre. D is sitting to the immediate right of G. A sits exactly between C and E. B sits to the immediate left of F. G and C are not neighbours. E sits adjacent to D. Who sits to the immediate right of F ?
(a) E (b) B (c) A (d) G

Q.20. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

General Awareness

Q.21. Which country has won the FIH Men's Hockey World Cup 2023 ?
(a) Netherlands (b) Germany
(c) Australia (d) Belgium

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Q.22. To which of the following states of India does the dance form Dandari belong ?
(a) Kerala (b) Maharashtra
(c) Haryana (d) Telangana

Q.23. Which of the following singer was awarded Padma Bhushan in 2023 for her contribution to film playback singing in 19 languages ?
(a) Sulochana Chavan (b) Vani Jairam
(c) KS Chithra (d) D.K. Pattammal

Q.24. Who is appointed as Attorney General for India from 1st October, 2022?
(a) Soli Sorabjee (b) Mukul Rohatgi
(c) K. K. Venugopal (d) R. Venkataramani

Q.25. Which five-year plan of India was introduced under the leadership of Indira Gandhi ?
(a) Third (b) First (c) Second (d) Fourth

Q.26. Hareli, Kajari, and Madai festival are associated with which of the following states ?
(a) Uttar Pradesh (b) Chhattisgarh
(c) Punjab (d) Haryana

Q.27. Which chemical compound is used in car batteries and has the formula $PbSO_4$?
(a) Sulfuric acid (b) Lead sulphide
(c) Lead oxide (d) Lead sulfate

Q.28. According to the 2011 census of India, which of the following states/UTs is most literate ?
(a) Goa
(b) Tamil Nadu
(c) Chandigarh
(d) Andaman & Nicobar Islands

Q.29. During ancient India in the Tamil region, ordinary ploughmen were known as _____.
(a) uzhavar (b) adimai
(c) kadaisiyar (d) vellalar

Q.30. Before _____, India was in the first stage of demographic transition.
(a) 1980 (b) 1990 (c) 1960 (d) 1921

Q.31. In 1919, Gandhiji called for a satyagraha against the Rowlatt Act that curbed _____such as the freedom of expression.
(a) fundamental duties
(b) fundamental rights
(c) only civil rights
(d) international rights

Q.32. The Vice-President of India serves as the ex-officio Chairman of which legislative body ?
(a) Rajya Sabha
(b) State Legislative Assembly
(c) Lok Sabha
(d) State Legislative Council

Q.33. Famed Bharatnatyam exponent and founder of Kalakshetra, Rukmini Devi Arundale was the proud recipient of 1956 _____.
(a) Natraj Academy award
(b) Bharat Ratna
(c) Kalidas Samman
(d) Padma Bhushan

Q.34. Which Indian state hosted the FIH Men's Hockey World cup 2023 ?
(a) Jharkhand (b) Karnataka
(c) Tamil Nadu (d) Odisha

Q.35. Who chairs the parliamentary committee report that prepared the report 'Covid-19 Pandemic: Global Response, India's Contributions and the Way Forward' ?
(a) PP Chaudhary (b) Rajnath Singh
(c) Arun Jaitley (d) Narendra Modi

Q.36. Cricket became an international game with the formation of the _____in 1909.
(a) ICC (b) IYC (c) IPL (d) BCC

Q.37. The Gross Domestic Product of a country is derived from the different sectors of the economy, namely _____.
(a) commercial and trading sector
(b) rural and urban sectors
(c) agricultural sector, and the industrial sector only
(d) agricultural sector, the industrial sector and the service sector

Q.38. The Right to Freedom includes the right to practice any profession, occupation, trade, or business under which articles of the Indian Constitution ?
(a) Articles 25-28 (b) Articles 23-24
(c) Articles 19-22 (d) Articles 14-18

Q.39. India has _____ Km of land border and a coastline of 7,516.6 Km including island territories.
(a) 25,106.7 (b) 9,106.7
(c) 5,106.7 (d) 15,106.7

Q.40. Which of the following statements is correct regarding Central Goods and Services Tax (Amendment) Bill, 2023?
I. It was introduced in Lok Sabha in August, 2023.
II. It amends the Central Goods and Services Tax (CGST) Act, 2017.
(a) Neither I nor II (b) Both I and II
(c) Only I (d) Only II

Quantitative Aptitude

Q.41. The marked price of a chair is 10 percent more than its cost price. If the chair is sold for Rs. 132 after a discount of Rs. 11, then what will be the profit percentage ?
(a) 2 % (b) 1.53 % (c) 1.78 % (d) 1.21 %

Q.42. A mixture contains acid and water in the ratio of 7: 4. If 2 litres of water is added to it, then the ratio of acid and water becomes 7: 5. What is the quantity of acid in the mixture ?
(a) 20 litres (b) 21 litres
(c) 7 litres (d) 14 litres

Q.43. The compound interest (compounding half yearly) received on Rs. 1000 for 2 years is Rs. 464.1 What is the rate of interest per annum ?
(a) 20 percent (b) 30 percent
(c) 35 percent (d) 25 percent

Q.44. The difference between cost price and selling price of an article is Rs. 120. If profit percentage is 10 percent, then what is the selling price ?
(a) Rs. 1320 (b) Rs. 1000
(c) Rs. 1200 (d) Rs. 1440

Q.45. 27 percent of a number exceeds 13 percent of the same number by 56. What is the value of the number ?
(a) 360 (b) 420 (c) 380 (d) 400

Q.46. Two boys are standing on the opposite ends of a 900 metres long bridge. If they walk towards each other at the speed of 10 metres/minute and 8 metres/minute respectively, then in how much time will they meet each other ?
(a) 25 min (b) 50 min (c) 62 min (d) 38 min

Q.47. Find the area of the right angled triangle if the longest side of a right angled triangle is 17 cm and the height is 15 cm.
(a) 54cm² (b) 56cm² (c) 60cm² (d) 58cm²

Q.48. If the selling price of a fan is Rs. 306 and loss percentage is 32 percent, then what is the cost price of the fan ?
(a) Rs. 400 (b) Rs. 450
(c) Rs. 350 (d) Rs. 380

Q.49. Which of the following numbers is divisible by 11 ?
(a) 6589 (b) 9164 (c) 8962 (d) 4857

Q.50. Seema can do a work in 120 days, Anjali can do the same work in 144 days and Soniya can do the same work in 180 days. If they do that work together and they are paid Rs. 3300, then what is the

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share of Anjali ?
(a) Rs. 1100 (b) Rs. 2000
(c) Rs. 2500 (d) Rs. 1700

Q.51. What is the Highest Common Factor of $2^3 \times 3^5$ and $2^4 \times 3^6$?
(a) 2×3^2 (b) $2^3 \times 3^3$
(c) $2^3 \times 3^5$ (d) $2^2 \times 3^2$

Q.52. An article is sold for ₹ 204 after two successive discounts of 40% and 50%. What is the marked price of the article ?
(a) ₹ 540 (b) ₹ 720 (c) ₹ 840 (d) ₹ 680

Q.53. In a school there are total 560 students. The ratio of boys and girls is 13: 15. If 40 more boys gets admitted into the school, then what will be the new ratio of boys and girls ?
(a) 2 : 3 (b) 1 : 1 (c) 3 : 1 (d) 2 : 1

Q.54. The average weight of T, U and V is 42 kg. If the average weight of T and U is 40 kg and the average weight of U and V is 36 kg, then what is the weight of U ?
(a) 22 kg (b) 24 kg (c) 26 kg (d) 29 kg

Q.55. If p - q = 9, and $p^2 + q^2 = 127$. Find the value of pq .
(a) 12 (b) 15 (c) 23 (d) 27

Q.56. The simple interest on a certain sum of money is ₹2275 at 13% per annum in 5 years. Find the sum of money.
(a) ₹4000 (b) ₹3500 (c) ₹5600 (d) ₹4200

Q.57. S1 alone can do a work in 16 days and S2 alone can do the same work in 80 days. With help of S3, they finish the same work in 6 days. In how many days S3 alone can do the same work ?
(a) 9 (b) 7 (c) $\frac{120}{11}$ (d) 12

Q.58. If the original price of a watch is Rs. 500 and it is increased by 10%, then decreased by 15%, what is the final price
(a) Rs. 405.67 (b) Rs. 467.50
(c) Rs. 476.60 (d) Rs. 456.70

Q.59. What is the value of [289 ÷ {68 ÷ 4 × (14 + 2 × 6 - 9)}] ?
(a) 17 (b) 0 (c) 1 (d) 289

Q.60. The average marks of a student in 6 subjects are 75. If the student scores 80 in one subject, what will be the total score in the remaining subjects.
(a) 370 (b) 340 (c) 350 (d) 380

English

Q.61. Select the most appropriate antonym of the given word.
Budding
(a) Withering (b) Nostalgia
(c) Jaunty (d) Progressive

Q.62. Select the incorrectly spelt word from the given sentence.
The couple walked towards the opposite end of the dungeon, where she previously played with destieny.
(a) dungeon (b) couple
(c) destieny (d) previously

Q.63. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Family dispute erupted soon after grandpa's death as he left **some unclear things** in his will.
(a) A grey area (b) Break a leg
(c) Beat around the bush (d) Crack a book

Q.64. Select the most appropriate word to fill in the blank.
The population _____very fast in the last decade.
(a) had been risen (b) rising
(c) has risen (d) rises

Q.65. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
People put considerably many more effort when working in groups than when working alone.
(a) than when working alone
(b) People put considerably many more
(c) No error
(d) effort when working in groups

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Many people fear how they will manage if the virus will show upon in town.
(a) virus will show upon in town.
(b) they will manage if the
(c) Many people fear how
(d) No error

Q.67. Choose the word that means the same as the given word.
Daring
(a) Patience (b) Fearless
(c) Coward (d) Trepid

Q.68. Select the most appropriate word to fill in the blank.
_____! That looks disgusting.
(a) Wow (b) Oops (c) Yikes (d) Hush

Q.69. Choose the option which is antonym of (opposite of) the word "abdicated" in the sentence given below:
During the meeting, he confidently asserted his viewpoint, providing compelling arguments to support his position.
(a) asserted (b) confidently
(c) support (d) compelling

Q.70. Select the most appropriate word to fill in the blank.
The instructions ____I just couldn't follow them.
(a) is complicated
(b) are complicate
(c) were complicated
(d) was complicated

Q.71. Choose the word that is opposite in meaning to the given word.
Applause
(a) Taunt (b) Praise
(c) Intolerant (d) Pray

Q.72. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Do you know how <u>to speak Japanese ?</u>
(a) to speaks Japanese
(b) to spoke Japanese
(c) No improvement
(d) to speak Japan

Q.73. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Neither of the teachers is participating on this event.
(a) teachers is participating
(b) on this event.
(c) No error
(d) Neither of the

Q.74. Select the sentence with no spelling errors.
(a) Taking a walk in nature can help reduce stress levels.
(b) Taking a wak in nature can help reduce stress levels.
(c) Taking a walk in nature can help reduce stres levels.
(d) Takking a walk in nature can help reduce stress levels.

Q.75. Select the most appropriate meaning of the given idiom
Get down to brass tacks
(a) Compromise, cooperation between people
(b) Get fired from the job
(c) To become serious about something
(d) To be ready

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Cloze Test :

Direction :- [Q.76. to Q.80.]

Instead, we (76)____ our policy on hopes that by befriending her we would (77) ____the evil day of reckoning. The evil day (78)____ on 20th October 1962, barely 15 years (79) _____Independence, and 12 years after China's (80)_____ of Tibet.

Q.76. (a) based (b) placed
(c) grounded (d) situated

Q.77. (a) stoved (b) stave on
(c) stave off (d) stave of

Q.78. (a) established (b) approached
(c) comes (d) came

Q.79. (a) later (b) afterwards
(c) after (d) behind

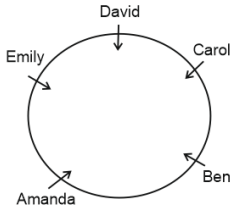
Q.80. (a) regression (b) relapse
(c) annexation (d) throwback

Answer Key :-

1.(d)	2.(b)	3.(c)	4.(c)
5.(b)	6.(b)	7.(c)	8.(d)
9.(a)	10.(b)	11.(b)	12.(b)
13.(d)	14.(c)	15.(d)	16.(b)
17.(a)	18.(d)	19.(d)	20.(a)
21.(b)	22.(d)	23.(b)	24.(d)
25.(d)	26.(b)	27.(d)	28.(a)
29.(a)	30.(d)	31.(b)	32.(a)
33.(d)	34.(d)	35.(a)	36.(a)
37.(d)	38.(c)	39.(d)	40.(b)
41.(b)	42.(d)	43.(a)	44.(a)
45.(d)	46.(b)	47.(c)	48.(b)
49.(a)	50.(a)	51.(c)	52.(d)
53.(b)	54.(c)	55.(c)	56.(b)
57.(c)	58.(b)	59.(c)	60.(a)
61.(a)	62.(c)	63.(a)	64.(c)
65.(b)	66.(a)	67.(b)	68.(c)
69.(a)	70.(c)	71.(a)	72.(c)
73.(b)	74.(a)	75.(c)	76.(a)
77.(c)	78.(d)	79.(c)	80.(c)

Solutions :-

Sol.1.(d)



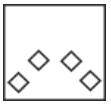
Clearly, we can see that Ben sits to the immediate right of Amanda.

Sol.2.(b)



Clearly we can see that Both conclusions I and III follow.

Sol.3.(c)

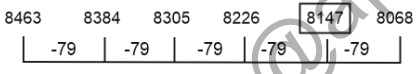


Sol.4.(c)

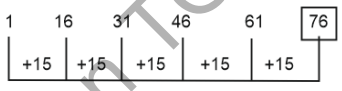


Sol.5.(b) Given : 15 ÷ 9 × 8 + 12 - 4 = 17
After going through all the options, and interchanging + and ÷ we get,
15 + 9 × 8 ÷ 12 - 4
15 + 6 - 4 ⇒ 21 - 4 = 17,
Clearly, option (b) satisfies our answer.

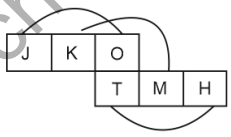
Sol.6.(b)



Sol.7.(c)



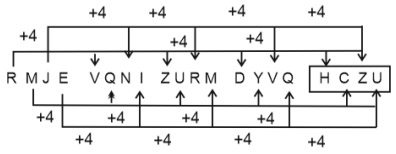
Sol.8.(d)



Opposite pairs are ;
(J, O) ; (T, H) ; (K, M)
So, the opposite of K is M.

Sol.9.(a) From the 1st , 2nd and 3rd line the code of 'O' is 4. From the 2nd and 3rd line (K , N) and (3, 5) are common .The only letter left in 3rd line is W and the only number left in the third line is 6. The code of W = 6.

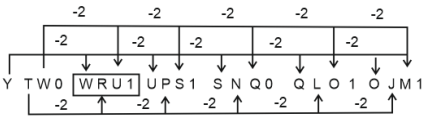
Sol.10.(b)



Sol.11.(b) Given : 10 - 3 + 2 × 12 ÷ 6 = 6
After going through all the options and interchanging × and+ we get,
10 - 3 × 2 + 12 ÷ 6
10 - 6 + 2 = 6
So, option(b) satisfies our answer

Sol.12.(b)

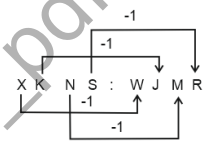
Logic : All letters are decreased by 2 and numbers are repeated as 0, 1, 1, 0, 1, 1



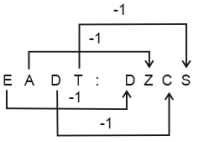
Sol.13.(d) Correct dictionary order is ;
Whiff → While → Whip → Whisk → White
So, the word which will come at 5th position is 'White'.

Sol.14.(c) The Relationship between the first pair "Artist : Canvas" is that Artist works on canvas. Similarly, Sculptor works on Stone.

Sol.15.(d)



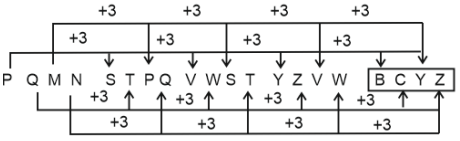
Similarly



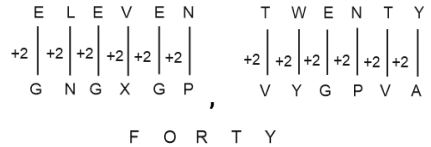
Sol.16.(b)

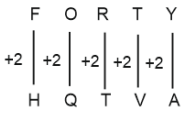


Sol.17.(a)



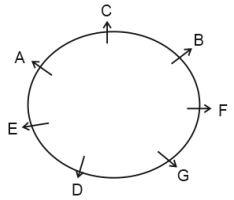
Sol.18.(d)





Similarly,

Sol.19.(d)

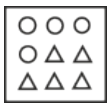


Clearly, we can see that G sits to the immediate right of F.

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Sol.20.(a)



Sol.21.(b) Germany. The Men's FIH Hockey World Cup is an international field hockey competition organised by the International Hockey Federation (FIH). Founded - 1971. Most titles - Pakistan (4 titles). The 2026 Men's FIH Hockey World Cup will be the 16th edition and it will be held from 15 to 30 August 2026 in Wavre, Belgium and Amstelveen, Netherlands.

Sol.22.(d) Telangana.
Folk Dances: Kerala - Thirayattam, Padayani, Kali Kakrisi, Kuttiyottama, and Kaikottikali. Maharashtra - Lavani, Dhangarigaja, Lezim, Koli. Haryana - Jhumar, Phag Dance, Daph, Dhamal, Loor, Gugga, Khor, Gagor. Telangana - Perini Shivatandavam, Keisabadi.

Sol.23.(b) Vani Jairam is fondly referred to as the "Meera of modern India". The Padma Bhushan is the third-highest civilian award in the Republic of India, preceded by the Bharat Ratna and the Padma Vibhushan and followed by the Padma Shri. First awarded (Padma Bhushan) - 1954.

Sol.24.(d) R. Venkataramani is an Indian constitutional lawyer and a Senior Advocate in the Supreme Court of India. Article 76 of the Indian Constitution under its Part-V deals with the position of Attorney General of India. He/She is the highest law officer of India and is appointed by the President of India.

Sol.25.(d) Fourth. The Gadgil Formula served as the foundation for the Fourth Five-Year Plan (1969–1974). It focused on the development of agriculture, industry, and infrastructure. First Five-Year Plan (1951-56): It was based on the Harrod Domar Model and emphasised increasing savings and was presented by the first Indian Prime Minister (Jawaharlal Nehru).

Sol.26.(b) Chhattisgarh. Other Festivals: Uttar Pradesh - Ram Navmi, Ganga Mahotsav, Navaratri, Khichdi. Punjab - Lohri, Baisakhi. Haryana - Surajkund International Crafts Mela, Mango Mela, Pinjore Heritage Festival, International Gita Mahotsav.

Sol.27.(d) Lead sulfate. Most car batteries are Lead Acid Batteries in which the main chemicals are Leadoxide and Sulphuric Acid. The grids of batteries are made of Lead Alloy. The paste on grids is mostly Lead Sulphate and the electrolyte for completion of circuit is Sulphuric Acid.

Sol.28.(a) Goa. Literacy rate is the literate population of the age group 7 years and above divided by the total population of the same age group. According to 2011, among the States/UTs, the male and female literacy rate is highest in Kerala (male: 96.1%, female 92.1%) and lowest in Bihar (male: 71.2%, female: 51.5%).

Sol.29.(a) Uzhavar. A Ploughmen is a man whose job is to Plough the land, especially with a Plough pulled by horses or oxen. In the Sangam age, the large landowners were known as Vellalar, and landless laborers, including slaves, were known as kadaisiyar and adimai.

Sol.30.(d) 1921. The demographic transition theory is a generalised description of the changing pattern of mortality, fertility and growth rates as societies move from one demographic regime to another. In the first stage, the birth rate and the death rate were high which cancel each other and the population remains stationary.

Sol.31.(b) Fundamental rights are the basic human rights enshrined in the Constitution of India which are guaranteed to all citizens. Mahatma Gandhi in 1919 decided to launch a nationwide satyagraha against the proposed Rowlatt Act (1919). The agitation against the Rowlatt Act reached climax with the Jallianwala bagh Massacre (13 April, 1919) in Amritsar.

Sol.32.(a) Rajya Sabha. Articles 64 and 89 (1) tell that the Vice-President of India shall be the ex-officio Chairman of the Council of States (Rajya Sabha). Article 63 of the Indian Constitution tells that there shall be a Vice-President of India. The Governor is the ex-officio Chairman of the state Legislative Council (Vidhan Parishad).

Sol.33.(d) Padma Bhushan
(The third-highest civilian award)**.** First awarded - 1954. Kalakshetra Foundation, formerly simply Kalakshetra, was established in January 1936. Rukmini Devi Arundale was the first woman in Indian history to be nominated as a member of the Rajya Sabha (The upper house of the Parliament of India).

Sol.34.(d) Odisha. The 2023 Men's FIH Hockey World Cup was the 15th edition of the Men's FIH Hockey World Cup organized by the International Hockey Federation. Venue(s) - Kalinga Hockey Stadium (Bhubaneswar), Birsa Munda International Hockey Stadium (Rourkela). Champions - Germany (3rd title). Runner-up - Belgium.

Sol.35.(a) PP Chaudhary. Coronavirus disease 2019 (COVID-19) is a contagious disease caused by the coronavirus SARS-CoV-2. The first known case was identified in Wuhan, China, in December 2019. The symptoms of COVID-19 are variable but often include fever, fatigue, cough, breathing difficulties, loss of smell, and loss of taste.

Sol.36.(a) ICC (International Cricket Council) is the global governing body of cricket. It was founded as the Imperial Cricket Conference by representatives from Australia, England, and South Africa. Formation - 15 June 1909. Headquarters - Dubai (United Arab Emirates). Official language - English. CEO - Geoff Allardice.

Sol.37.(d) agricultural sector, the industrial sector and the service sector. Gross Domestic Product (GDP) is the monetary value of all finished goods and services made within a country during a specific period. Three Sectors of Economy : Primary Sector (agriculture, forestry, animal husbandry, fishing, poultry farming and mining), Secondary Sector (Quarrying and manufacturing of goods), Tertiary Sector (Trade, transport, banks, health, education and all types of services).

Sol.38.(c) Articles 19-22. Article 19 (Speech and expression, Assembly, Association, Movement, Residence, Profession). Article 20 (Protection with respect to conviction for offences). Article 21 (Right to life and personal liberty). Article 21A (Right to elementary education). Article 22 (Protection against arrest and detention in certain cases).

Sol.39.(d) 15,106.7 Km. India shares its border with seven countries - Afghanistan and Pakistan to the North-West, China, Bhutan, and Nepal to the North, Myanmar to the far East, and Bangladesh to the East. Sri Lanka (from the South-East) and Maldives (from the South-West) are two countries with water borders. Across the sea to the south, lie our island neighbours- Sri Lanka and the Maldives.

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Sol.40.(b) Both I and II.
The Central Goods and Services Tax (Amendment) Bill, 2023 provides for the implementation of decisions of the GST Council to levy a 28% tax on casinos, horse racing, and online gaming. The Goods and Service Tax Act was passed in the Parliament on 29th March 2017 and came into effect on 1st July 2017. 5 different tax slabs for collection of tax: 0%, 5%, 12%, 18% and 28%.

Sol.41.(b) CP : MP = 10 : 11
MP = 132 + 11 = ₹143
11 unit ---------- ₹143
10 unit ---------- $\frac{143}{11}$ × 10 = ₹130
Now, CP : SP = 130 : 132 = 65 : 66
Profit% = $\frac{66-65}{65}$ × 100 = $\frac{100}{65}$ = 1.53%

Sol.42.(d)

	Acid		Water
Initial mixture	7	:	4
Final mixture	7	:	5

Quantity of water added = 5 - 4 = 1 unit which corresponds to 2 litres
Then, quantity of acid in the mixture = 7 unit = 7 × 2 = 14 litres

Sol.43.(a)
Amount = 1000 + 464.1 = ₹1464.1
Amount = P(1 + $\frac{r}{100}$)^{2n}
1464.1 = 1000(1 + $\frac{r}{100}$)^4
$\frac{14641}{10,000}$ = (1 + $\frac{r}{100}$)^4
($\frac{11}{10}$)^4= (1 + $\frac{r}{100}$)^4
$\frac{11}{10}$ = 1 + $\frac{r}{100}$ ⇒ $\frac{r}{100}$ = $\frac{1}{10}$
$r_{Half\ year}$ = 10%
Rate for 1 yr = 2 × 10% = 20%

Sol.44.(a)
(SP - CP) or profit = ₹120, Profit% = 10%
10% ---------- ₹120
100% ---------- $\frac{120}{10}$ × 100 = ₹1200
Then, SP of the article = 1200 + 120
= ₹1320

Sol.45.(d) Let the number =100x
100x × (27 - 13)% = 56
100x × 14% = 56
14x = 56 ⇒ x = 4
Then, Number = 4 × 100 = 400

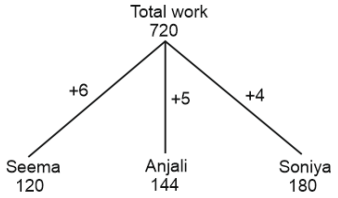
Sol.46.(b) Relative speed when two boys are approaching each other = 10 + 8
= 18 m/min
Required time taken to meet each other
= $\frac{900}{18}$ = 50 minutes

Sol.47.(c) Base of right angled triangle
= $\sqrt{17^2 - 15^2}$ = $\sqrt{64}$ = 8
Area of triangle = $\frac{1}{2}$ × base × height
= $\frac{1}{2}$ × 8 × 15 = 60 cm^2

Sol.48.(b) CP of fan = 306 × $\frac{100}{68}$ = ₹450

Sol.49.(a) Divisibility rule of 11 :
The difference of the sum of alternate digits of the given number should be divisible by 11.
Checking all the options one by one, we get 6589 i.e.(6 + 8) - (9 + 5) = 0 , which is divisible by 11
So, the correct option is (a)

Sol.50.(a)



As we know that , Wages ∝ efficiency
Share of Anjali = $\frac{5}{6+5+4}$ × 3300
= ₹1100

Sol.51.(c) $2^3 \times 3^5$ and $2^4 \times 3^6$
HCF = $2^3 \times 3^5$

Sol.52.(d) ATQ,
MP × $\frac{60}{100}$ × $\frac{50}{100}$ = 204
MP × $\frac{3}{10}$ = 204
MP = 204 × $\frac{10}{3}$ = ₹680

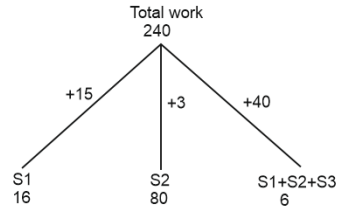
Sol.53.(b)
No of boys = $\frac{13}{13+15}$ × 560 = 260
No of girls = $\frac{15}{13+15}$ × 560 = 300
Now, New no of boys = 260 + 40 = 300
Required ratio = 300 : 300 = 1 : 1

Sol.54.(c)
Weight of V = 42 + (42 - 40) × 2 = 46 kg
Weight of T = 42 + (42 - 36) × 2 = 54 kg
Total weight of (T + U + V) = 42 × 3
= 126 kg
Weight of U = 126 - (46 + 54) = 26 kg

Sol.55.(c) (p - q)^2 = p^2 + q^2 - 2pq
81 = 127 - 2pq
2pq = 46 ⇒ pq = $\frac{46}{2}$ = 23

Sol.56.(b) 13 × 5% = 65% ---------- ₹2275
100% ---------- $\frac{2275}{65}$ × 100 = ₹3500

Sol.57.(c)



Efficiency of S3 = 40 - (15 + 3) = 22 unit
Time taken by S3 alone to complete the whole work = $\frac{240}{22}$ = $\frac{120}{11}$ days

Sol.58.(b) Final price of watch
= 500 × $\frac{11}{10}$ × $\frac{17}{20}$ ⇒ $\frac{935}{2}$ = ₹467.50

Sol.59.(c)
[289 ÷ {68 ÷ 4 × (14 + 2 × 6 - 9)}]
[289 ÷ {68 ÷ 4 × (14 + 12 - 9)}]
[289 ÷ {68 ÷ 4 × 17}] ⇒ [289 ÷ 289] = 1

Sol.60.(a)
Total marks in 6 subjects = 75 × 6 = 450
Total score of remaining subjects
= 450 - 80 = 370

Sol.61.(a) Withering- shrinking or fading away due to lack of nourishment.
Budding- starting to grow or develop.
Nostalgia- a sentimental longing for the past.
Jaunty- lively, cheerful, and self-confident.
Progressive- favoring change or new ideas.

Sol.62.(c) destieny
'Destiny' is the correct spelling.

Sol.63.(a) A grey area- a situation that is not clear.

Sol.64.(c) has risen
Present perfect tense is used for an action that has been completed in the recent past. Hence, 'has risen' is the most appropriate answer.

Sol.65.(b) People put considerably many more
'Much' will be used with the uncountable noun 'effort'. 'Many' is used with countable nouns. Hence, 'People put considerably much more' is the most appropriate answer.

Sol.66.(a) virus will show upon in town.
'Will show up' must be replaced with 'shows up'. 'If + simple present, will + V_1' is the correct structure of the first conditional sentence. 'Show up' is correct here as it means to come into

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existence. Hence, 'if the virus shows up in town' is the most appropriate answer.

Sol.67.(b) Fearless
Daring- showing courage in difficult situations.
Patience - the quality of being able to stay calm.
Coward - a person who lacks courage in facing danger, difficulty, opposition, pain, etc
Trepid - afraid, trembling from fear.

Sol.68.(c) Yikes
"Yikes" is used to express shock, surprise, or disgust. Hence, "Yikes" is the correct option.

Sol.69.(a) Asserted- stated something strongly or confidently.
Abdicated- gave up a position of power or responsibility.
Confidently- doing something with self-assurance or certainty.
Support- to help someone.
Compelling- something that is very convincing or persuasive.

Sol.70.(c) were complicated
The given sentence is in the past tense, so it must have the verb in the past form. Also, the subject 'instructions' is plural. Hence, 'were complicated' is the most appropriate answer.

Sol.71.(a) Taunt- to mock or tease someone.
Applause- approval or praise expressed by clapping.
Praise- to express approval or admiration
Intolerant- not tolerating or respecting beliefs or opinions of others.

Sol.72.(c) No improvement
The given sentence is grammatically correct.

Sol.73.(b) on this event.
'In' is used for involvement or participation in an event. Hence, 'in this event' is the most appropriate answer.

Sol.74.(a) Taking a walk in nature can help reduce stress levels.

Sol.75.(c) Get down to brass tacks- to become serious about something.
E.g.- After some small talk, they got down to brass tacks and started discussing the details of the contract.

Sol.76.(a) Based
'Based' means used something as a foundation or basis for something. The given passage states that we based our policy on certain hopes. Hence, 'based' is the most appropriate answer.

Sol.77.(c) stave off
"Stave off" means to prevent something undesirable. The given passage states that we based our policy on hopes that by befriending her we would stave off the evil day of reckoning. Hence, 'stave off' is the most appropriate answer.

Sol.78.(d) Came
'Came' is the past form of 'come', which means to occur or happen. The given passage states that the evil day came on 20th October 1962. Hence, "Came" is the most appropriate answer.

Sol.79.(c) After
'After' is a preposition of time and takes a noun(here, Independence) with it. 'Later' and 'afterwards' are adverbs and do not take a noun. 'Behind' is used for position, not time. Hence, 'after' is the most appropriate answer.

Sol.80.(c) Annexation
'Annexation' means the act of taking over a piece of land by force. The given passage states that the evil day came 12 years after China's annexation of Tibet. Hence, 'annexation' is the most appropriate answer.

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SSC GD Constable 21/02/2024 (4th Shift)

Reasoning

Q.1. In the following question, select the missing number from the given series.
2916, 972, 324, ?, 36, 12
(a) 108 (b) 119 (c) 117 (d) 120

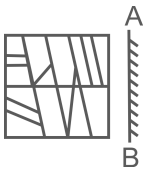
Q.2. Select the option that is related to the fifth number-letter cluster in the same way as the fourth number-letter cluster is related to the third number-letter cluster, and the second number-letter cluster is related to the first number-letter cluster.
COMPLETE : COTEMPLE : : POSITION : POONSITI : : TROPICAL : ?
(a) TRALOPCI (b) TRLAOPIC
(c) TRALPOIC (d) TRALOPIC

Q.3. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : No mountains is deserts.
Statement II : Some deserts are sandy places.
Statement III : Some sandy places are not mountains.
Conclusion I : Some deserts are not mountains.
Conclusion II : Some sandy places are mountains.
(a) Neither conclusion I nor II follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Only conclusion I follows

Q.4. In a certain code language, 'KEPT' is coded as '52', 'LACK' is coded as '27'. What is the code for 'LINE' in that code language?
(a) 42 (b) 50 (c) 41 (d) 40

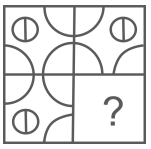
Q.5. By interchanging the given two signs which of the following equation will be correct?
÷ and ×
(a) 9 × 3 + 8 ÷ 4 - 7 = 30
(b) 11 ÷ 12 × 6 + 8 - 10 = 25
(c) 23 - 20 + 35 ÷ 2 × 10 = 10
(d) 32 + 3 - 12 ÷ 18 × 9 = 10

Q.6. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



(a)  (b) 
(c)  (d) 

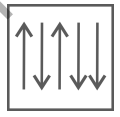
Q.7. Which answer figure will complete the pattern in the question figure? (rotation is not allowed)



(a)  (b) 
(c)  (d) 

Q.8. Select the figure that will replace the question mark (?) in the following figure series.

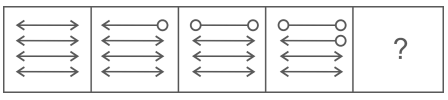


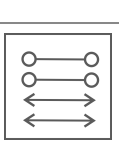
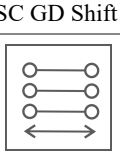
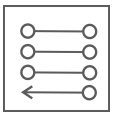
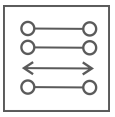
(a)  (b) 
(c)  (d) 

Q.9. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
mnopmnop_nop_nopm_o_
(a) oonp (b) mmnp (c) nnop (d) mnmn

Q.10. In the following question, select the related letter pair from the given alternatives.
RLDY : SMEZ :: ?
(a) RUCP : KMOA (b) CPSF : DQTG
(c) ODAF : GKLN (d) PORU : ZZOU

Q.11. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 
(c)  (d) 

Q.12. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
MR, VA, EJ, NS, ?
(a) WB (b) PR (c) WX (d) NQ

Q.13. Pointing towards a photo of a girl, Rakhi said, "She is daughter of my husband's wife". How is the girl related to Rakhi?
(a) Daughter (b) Sister
(c) Mother (d) Father's mother

Q.14. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is not allowed)



(a)  (b) 
(c)  (d) 

Q.15. Six houses Blue, Green, Red, Yellow, Orange, and Purple are arranged in a circle facing towards the center. The Blue house is second to the right of the Green house and opposite to the Orange house. The Yellow house is exactly between the Red and Orange houses. The Purple house is opposite to the Yellow house. Which house is to the immediate right of the Blue house?
(a) Red (b) Purple (c) Yellow (d) Green

Q.16. In a certain code language, TOWARD' is coded as '962147', 'WANTED' is coded as '213957'. What can be the code for 'WARRANT in that code language?
(a) 2133129 (b) 2144129
(c) 2145129 (d) 2144139

Q.17. Five persons Anuj, Bheem, Chetan, Dheer and Imran are sitting around a circular table facing towards the centre (not necessarily in the same order). Only one person is sitting between Chetan and Dheer. Bheem is sitting second to the left

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of Dheer. Anuj is sitting to the immediate right of Bheem. Who is sitting to the immediate right of Chetan?
(a) Anuj (b) Bheem (c) Imran (d) Dheer

Q.18. In the following question, select the missing number from the given series.
75, 77, 81, 89, 105, ?
(a) 144 (b) 137 (c) 130 (d) 140

Q.19. Arrange the given words in alphabetical order:
1. MISSION 2. MISSED 3. MISSING
4. MIST 5. MIGHT
(a) 5, 1, 3, 4, 2 (b) 5, 4, 3, 2, 1
(c) 5, 4, 3, 1, 2 (d) 5, 2, 3, 1, 4

Q.20. If 59 * 60 # 45 @ 5 = 128 and 63 * 50 # 48 @ 12 = 117, then 79 * 30 # 120 @ 20 = ?
(a) 118 (b) 129 (c) 120 (d) 115

General Awareness

Q.21. The Eighth five year plan was finally launched in_____after the initiation of structural adjustment policies.
(a) 1992 (b) 1989 (c) 1991 (d) 1990

Q.22. In a capitalist society the goods produced are distributed among people
(a) only on the basis of what people need
(b) on the basis of what people need and on the basis of Purchasing Power
(c) not on the basis of Purchasing Power
(d) not on the basis of what people need but on the basis of Purchasing Power

Q.23. India became the winner of the Cricket World Cup for the first time in:
(a) 1983 (b) 1981 (c) 1999 (d) 1975

Q.24. A typical freestyle wrestling bout, is divided into_____periods of three minutes each with a 30-second break in between
(a) 4 (b) 5 (c) 2 (d) 3

Q.25. Which of the following articles of the Indian Constitution deals with the Indian Parliament?
(a) 40 - 70 (b) 12 - 40
(c) 79 - 122 (d) 1 - 12

Q.26. Megasthenes wrote about Pataliputra, saying that it is a large and beautiful city that is surrounded by a massive wall. It has 570 towers and gates.
(a) 74 (b) 54 (c) 44 (d) 64

Q.27. Read the following about Commercial Banks in India.
A. Commercial banks are the other type of institutions which are a part of the money-creating system of the economy.
B. They accept deposits from the public and lend out part of these funds to those who want to borrow.
Identify the INCORRECT statement / statements.
(a) Neither A nor B (b) Only A
(c) Both A and B (d) Only B

Q.28. Which of the following statement is correct regarding rate of diffusion of liquids?
I. Rate of diffusion of liquids is higher than that of solids.
II. This is due to the fact that in the liquid state, particles move freely and have greater space between each other as compared to particles in the solid state.
(a) Neither I nor II (b) Only I
(c) Only II (d) Both I and II

Q.29. Which of the following articles of Indian Constitution is related to the Fundamental Duties?
(a) Article 300A (b) Article 51A
(c) Article 50 (d) Article 49

Q.30. In October 2022, Justice_____has been appointed as the presiding officer of the Unlawful Activities (Prevention) tribunal by the government of India.
(a) Dinesh Kumar (b) Krishna Khanna
(c) Ashok Bhushan (d) Sanjay Kaul

Q.31. Which of the following dances is performed by women on various occasions to the beating of a drum in Madhya Pradesh?
(a) Matki dance (b) Mundari
(c) Rouf (d) Bhagoria

Q.32. _____ is a state or condition in which an individual or community lacks the financial resources and essentials for a minimum standard of living.
(a) Unemployment (b) Poverty
(c) Unethical (d) Illiteracy

Q.33. Who coined the term 'Evergreen Revolution' to increase agriculture production in India?
(a) Mahatma Gandhi
(b) Ram Manohar Lohiya
(c) R.V.Rao
(d) M.S.Swaminathan

Q.34. In which year was the first edition of the Indian Premier League (IPL) cricket tournament held?
(a) 2015 (b) 2003 (c) 2008 (d) 2018

Q.35. Who among the following was associated with the Young Bengal Movement?
(a) Henry Derozio
(b) Henry Thomas Colebrooke
(c) Charles Wood
(d) William Jones

Q.36. In May 2023, Praveen Sood, the Director General of Police in Karnataka, has been appointed as the next director of the_____.
(a) World Bank
(b) Central Bureau of Investigation (CBI)
(c) CRPF
(d) FBI

Q.37. Given among the options,_____is a state/UT with highest literacy rate (census 2011).
(a) Goa (b) Rajasthan
(c) Bihar (d) Lakshadweep

Q.38. Which of the following state's government launches Bhagwan Birsa Munda Jodaraste Scheme to Connect Tribal Villages with Main Roads?
(a) Haryana (b) Bihar
(c) Maharashtra (d) West Bengal

Q.39. In which of the following states is the Hornbill festival celebrated?
(a) Nagaland (b) Manipur
(c) Assam (d) Mizoram

Q.40. Who of the following is famous for playing musical instrument Kanjira?
(a) Kishan Maharaj
(b) Pannalal Ghosh
(c) Pudukkotai Dakshinamurthi Pillai
(d) S.V. Rajarao

Quantitative Aptitude

Q.41. What is the Least Common Multiple of $2^4 \times 3^3$, $2^5 \times 3^2$ and $2^5 \times 3^6$?
(a) 2^5 (b) $2^5 \times 3^6$ (c) $2^3 \times 3^5$ (d) $2^5 \times 3^5$

Q.42. Suresh sells a car at the loss of 36 percent. What will be the ratio of cost price to selling price?
(a) 16 : 25 (b) 15 : 16 (c) 25 : 16 (d) 4 : 5

Q.43. Town A had a population of 62500 in 2022. After one year the population of Town A increased to 75000. What is the percentage increase in the population?
(a) 30% (b) 25% (c) 15% (d) 20%

Q.44. Find the sum required to earn a monthly interest of ₹ 350 at 7% per annum at simple interest.
(a) ₹50,000 (b) ₹60,000
(c) ₹65,000 (d) ₹55,000

Q.45. 4 bells ring at intervals of 6, 8, 9 and 10 seconds. All the bells ring at the same time. After how many minutes will they ring together again?

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(a) 15 min (b) 10 min (c) 8 min (d) 6 min

Q.46. The population of a certain city increases by 5% in the first year and by another 8% in the second year. What is the overall percentage increase in the population?
(a) 18.3% (b) 15.2% (c) 13.0% (d) 13.4%

Q.47. Two cars start from the same point and travel in opposite directions. If one car travels at 40 km/h and the other at 50 km/h, after 5 hours, how far apart are they?
(a) 450 km (b) 480 km
(c) 410 km (d) 460 km

Q.48. The difference between the compound interest (compounding half yearly) for 1 year and the simple interest for 1 year on a certain sum lent out at the annual rate of 30 percent is Rs. 337.5. What is the sum?
(a) Rs. 15000 (b) Rs. 18500
(c) Rs. 17000 (d) Rs. 17700

Q.49. Z1, Z2 and Z3 can do a work in 100, 50 and 75 days respectively. All three of them began the work together but Z2 left 15 days before the completion of the work. In how many days was the work completed?
(a) 30 days (b) 45 days
(c) 35 days (d) 40 days

Q.50. The marked price of an article is Rs. 640. If discount of 37.5 percent is given, then what will be the selling price of the article?
(a) Rs. 600 (b) Rs. 450
(c) Rs. 400 (d) Rs. 550

Q.51. What is the remainder when 58^{29} is divided by 5 ?
(a) 7 (b) 3 (c) 2 (d) 4

Q.52. The diameter of a hemisphere is 21 cm. What is the total surface area of the hemisphere?
(a) 1238.5 cm^2 (b) 790.5 cm^2
(c) 980.5 cm^2 (d) 1039.5 cm^2

Q.53. If 4M = 5N = 20C, then what is the value of M : N : C ?
(a) 5 : 4 : 3 (b) 5 : 4 : 1
(c) 7 : 5 : 4 (d) 9 : 3 : 1

Q.54. Average of five numbers is 36. The average of first two numbers is 1.5 times of the average of last three numbers. What is the sum of first two numbers?
(a) 85 (b) 79 (c) 78 (d) 90

Q.55. The difference between cost price and selling price is Rs. 132. If profit percentage is 20 percent , then what is selling price ?
(a) Rs. 760 (b) Rs. 822
(c) Rs. 802 (d) Rs. 792

Q.56. Aman can do a work in 28 days. What part of the total work can be done by Aman in 8 days ?
(a) $\frac{3}{8}$ (b) $\frac{4}{7}$ (c) $\frac{2}{7}$ (d) $\frac{3}{7}$

Q.57. A toy originally costs $25, but it's on sale with a 30% discount. What is the sale price ?
(a) $14.6 (b) $17.5 (c) $19.3 (d) $13.8

Q.58. What is the value of $\sqrt{0.000081}$?
(a) 0.9 (b) 0.009 (c) 0.09 (d) 9.9

Q.59. If Rs. 70, 000 is distributed among A, B and C such that A : B = 2 : 3 and B : C = 4 : 5, then find the share of A.
(a) Rs. 18,500 (b) Rs. 14,500
(c) Rs. 15,800 (d) Rs. 16,000

Q.60. What is the average of first 31 odd numbers?
(a) 37 (b) 33 (c) 31 (d) 32

English

Q.61. Choose the word that means the same as the given word.
Measure
(a) Diagnose (b) Gauge
(c) Propel (d) Deviation

Q.62. Choose the word that is opposite in meaning to the given word.
Noticeable
(a) Hail (b) Taunt
(c) Dignified (d) Hidden

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
She cracked the most funniest joke at the party.
(a) joke at the party (b) No error
(c) She cracked (d) the most funniest

Q.64. Select the most appropriate meaning of the given idiom.
Mince Words
(a) Almost failing
(b) To find a way to deal with something.
(c) To speak vaguely or indirectly.
(d) Work not done for money.

Q.65. Choose the most appropriate antonym of the underlined word.
Before preservationists could put a stop to it, he and other looters had raided and destroyed **precious** relics buried at the site.
(a) Important (b) Pet
(c) Dear (d) Defective

Q.66. Choose the word that is opposite in meaning to the given word.
Spat
(a) Persuade (b) Beguile
(c) Agree (d) Nitpick

Q.67. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
The subway fare is go up next week.
(a) fare is going (b) fare has been going
(c) fare has going (d) No improvement

Q.68. Select the sentence with no spelling errors.
(a) The sick woman had raised herself upright, and was stretching her arms tuwards them.
(b) The sick woman had raised herself uprite, and was stretching her arms towards them.
(c) The sick woman had raised herself upright, and was stretching her arms towards them.
(d) The sick woman had raised herself upright, and was streching her arms towards them.

Q.69. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Employees are working from home and shoppers are ordering groceries online to minimize time in crowded spaces.
(a) No error
(b) Employees are working from home and
(c) shoppers are ordering groceries online
(d) to minimise time in crowded spaces.

Q.70. Replace the bracketed word with one of the given options, which suitably replaces the word without changing the meaning of the sentence:
The mountaineers embarked on (an arduous) journey to conquer the formidable peak, facing treacherous terrain, extreme weather conditions, and physical exhaustion along the way.
(a) an important (b) a taxing
(c) a rewarding (d) a severe

Q.71. Select the most appropriate word to fill in the blank.
_____! You can do it - it's as easy as pie.
(a) Hush (b) Wow (c) Buck up (d) Oh

Q.72. In the following question, out of the given four alternatives, select the alternative which best expresses the

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meaning of the Idiom /Phrase.
To raise the wind
(a) To teach mannerism
(b) To obtain the necessary funds
(c) To head an army
(d) To release one's frustration

Q.73. Select the incorrectly spelt word from the given sentence.
The cats have the propensity to divour their babies if alarmed and so require a calm environment for breeding.
(a) environment (b) divour
(c) alarmed (d) propensity

Q.74. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
She (doesn't want to go on staring but it) was very difficult to turn her eyes away.
(a) does wants to go on staring
(b) didn't want to go on staring but it
(c) do not wanted to go on staring but it
(d) No correction required

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'. Dr. Stone returned to the UK at January 2001 to begin data analysis.
(a) No error
(b) to begin data analysis.
(c) the UK at January 2001
(d) Dr. Stone returned to

Cloze Test :
Direction :- [Q.76. to Q.80.]
Photographs and videos showing people bursting firecrackers on the (76)_____ of Kedarnath temple are making the (77) on social media. The video clip showed loud bangs of firecrackers, lights and clouds of (78)_____along with the echo of the ringing temple bells, raising (79)_____over the effect of such crackers in the geologically(80)_____ glacier region.

Q.76. (a) establishment (b) plot
(c) layout (d) premises

Q.77. (a) light (b) Park
(c) circle (d) rounds

Q.78. (a) smoke (b) air (c) water (d) fire

Q.79. (a) subject (b) amazement
(c) alarm (d) anxiety

Q.80. (a) sensitive (b) appeasing
(c) lofty (d) rigorous

Answer Key :-

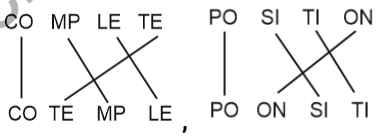
1.(a)	2.(d)	3.(d)	4.(d)
5.(c)	6.(c)	7.(a)	8.(d)
9.(b)	10.(b)	11.(a)	12.(a)
13.(a)	14.(c)	15.(a)	16.(d)
17.(b)	18.(b)	19.(d)	20.(d)
21.(a)	22.(d)	23.(a)	24.(c)
25.(c)	26.(d)	27.(a)	28.(d)
29.(b)	30.(a)	31.(a)	32.(b)
33.(d)	34.(c)	35.(a)	36.(b)
37.(d)	38.(c)	39.(a)	40.(c)
41.(b)	42.(c)	43.(d)	44.(b)
45.(d)	46.(d)	47.(a)	48.(a)
49.(a)	50.(c)	51.(b)	52.(d)
53.(b)	54.(d)	55.(d)	56.(c)
57.(b)	58.(b)	59.(d)	60.(c)
61.(b)	62.(d)	63.(d)	64.(c)
65.(d)	66.(c)	67.(a)	68.(c)
69.(a)	70.(b)	71.(c)	72.(b)
73.(b)	74.(b)	75.(c)	76.(d)
77.(d)	78.(a)	79.(c)	80.(a)

Solutions :-

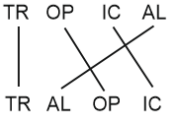
Sol.1.(a)



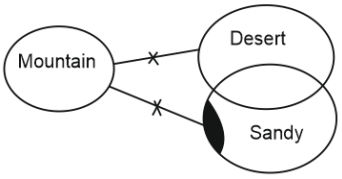
Sol.2.(d)



Similarly,



Sol.3.(d)



Clearly, we can see that Only conclusion I follows .

Sol.4.(d) Logic : Sum of the place value of letters
KEPT → 11 + 5 + 16 + 20 = 52
LACK → 12 + 1 + 3 + 11 = 27
Similarly, LINE → 12 + 9 + 14 + 5 = 40

Sol.5.(c) After Interchanging '÷' and '×' in all the options, we have ;
(a) 9 ÷ 3 + 8 × 4 - 7 = 28 ≠ 30
(b) 11 × 12 ÷ 6 + 8 - 10 = 20 ≠ 25
(c) 23 - 20 + 35 × 2 ÷ 10 = 10 = 10 (satisfied)
(d) 32 + 3 - 12 × 18 ÷ 9 = 11≠10
Clearly, we can see that only option (c) satisfies the given equation.

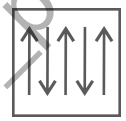
Sol.6.(c)



Sol.7.(a)

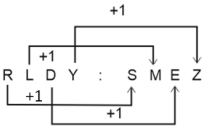


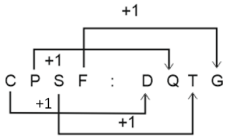
Sol.8.(d)



Sol.9.(b)
mnop / mnop / **m**nop / **m**nop / m**no**p

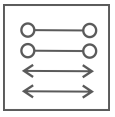
Sol.10.(b)



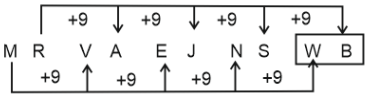


Similarly,

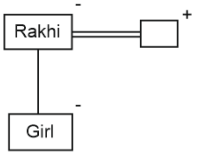
Sol.11.(a)



Sol.12.(a)



Sol.13.(a) Applying the directions given in this question, we get following family tree :



Clearly, we can see that Girl is the daughter of Rakhi.

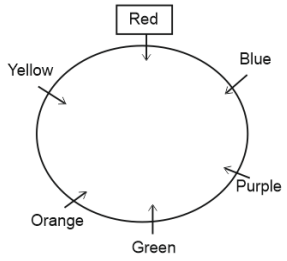
Sol.14.(c)

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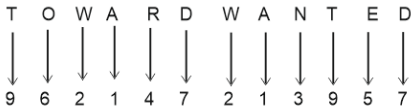


Sol.15.(a)

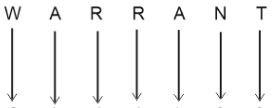


Clearly, we can see that Red house is to the immediate right of the Blue house.

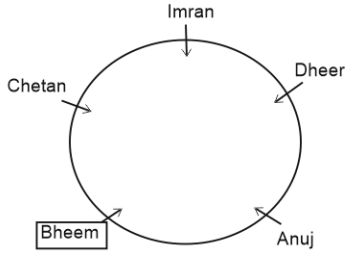
Sol.16.(d) Logic : Letters are directly coded as their respective number



Similarly,

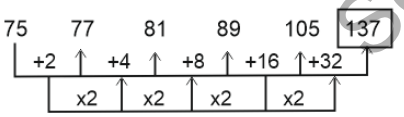


Sol.17.(b)



Clearly, we can see that Bheem is sitting to the immediate right of Chetan.

Sol.18.(b)



Sol.19.(d) The correct order is
: MIGHT(5) → MISSED(2) → MISSING(3) → MISSION(1) → MIST(4)

Sol.20.(d) After Interchanging * , # and @ with '+' , '+', '÷' respectively, we get ;
59 * 60 # 45 @ 5 = 128
⇒ 59 + 60 + 45 ÷ 5 = 128
63 * 50 # 48 @ 12 = 117
⇒ 63 + 50 + 48 ÷ 12 = 117
Similarly, 79 * 30 # 120 @ 20
⇒ 79 + 30 + 120 ÷ 20 = **115**

Sol.21.(a) 1992. The Eighth Plan (1992 - 97) could not be implemented in 1990 due to political uncertainty at the Centre, and the years 1990 - 91 and 1991 - 92 were treated as Annual Plans. Other Five year Plans: First Plan (1951 - 56), Second Plan (1956 - 61), Third Plan (1961-66), Three Annual Plans (1966 - 69) - Euphemistically described as a Plan holiday. Fourth (1969 - 74), Fifth Plan (1974 - 79), Rolling Plan (1978 - 80), Sixth Plan (1980 - 85), Seventh Plan (1985-90).

Sol.22.(d) There are three types of economic systems namely - capitalist, socialist and mixed economy. In a socialist society the government decides what goods are to be produced in accordance with the needs of society. In a mixed economy, the market will provide whatever goods and services it can produce well, and the government will provide essential goods and services which the market fails to do.

Sol.23.(a) 1983. India won its first ODI World Cup under Kapil Dev's captaincy by defeating the West Indies. The second ODI World Cup was won in 2011, when India, under MS Dhoni's captaincy, defeated Sri Lanka in a thrilling final at the Wankhede Stadium in Mumbai.

Sol.24.(c) 2. Freestyle wrestling made its debut at the Olympics at the 1904 St. Louis Summer Games. Duration of the Bout : For official Under-15, cadets and veteran competitions, the periods are curtailed to two minutes each.

Sol.25.(c) Articles 79 to 122 in Part V of the Constitution deal with the organisation, composition, duration, officers, procedures, privileges and powers of the Parliament. According to Article 79 of the Constitution of India, the Parliament consists of the President of India and the two Houses of Parliament known as Council of States (Rajya Sabha) and House of the People (Lok Sabha).

Sol.26.(d) 64. Megasthenes was a Greek ambassador of Seleucus Nicator, he came to India during the reign of Chandragupta Maurya. In his book, Indica, he states that Indian society was divided into 7 classes: Philosophers, farmers, herders, artisans, military, overseers, and councilors.

Sol.27.(a) Neither A nor B. Commercial banks are key players in the money-creating system. They accept deposits from the public and lend part of these funds to borrowers. The difference between the lower interest rate paid to depositors and the higher rate charged to borrowers, known as the 'spread,' constitutes the bank's profit.

Sol.28.(d) Both I and II. The diffusion rate depends on the size of the substances. Rate of diffusion : Solid < liquid < gas. This is due to the fact that in gaseous state particles move freely and have greater space between each other as compared to solid and liquid. So, they can intermingle or diffuse easily.

Sol.29.(b) Article 51A. Fundamental Duties (Part IV A) added to the Constitution in 1976 by the 42nd Amendment Act on the recommendations of Swaran Singh Committee. Other Important Articles: Article 300A - Protection against deprivation of property except by law, Article 50 - Separation of judiciary from executive, Article 49 - Protection of monuments, sites and objects of national importance

Sol.30.(a) Dinesh Kumar. The Unlawful Activities (Prevention) Act, 1967 was enacted to provide for more effective prevention of certain unlawful activities of individuals and associations, for dealing with terrorist activities, and for matters connected therewith.

Sol.31.(a) Matki dance - Women balance earthen pots on their heads while dancing. Other folk dance of Madhya pradesh: Tertali- Performed by two or three women sitting on the ground. Lehangi - A dance of the Banjara and Kanjar tribes, performed during the monsoon. Akiri Dance - A signature dance of the cattle herders in Gwalior. Bhagoriya - It is a dance of the Bhils tribe.

Sol.32.(b) Poverty. A common method used to estimate poverty in India is based on the income or consumption levels and if the income or consumption falls below a given minimum level, then the household is said to be Below the Poverty Line (BPL). The Alagh Committee (1979) set poverty lines at 2400 calories/day for rural and 2100 calories/day for urban areas. The Rangarajan Committee (2014) revised these to Rs. 1407/month (urban) and Rs.972/month (rural). Other poverty committees - Lakdawala Committee (1993), Tendulkar Committee (2009).

Sol.33.(d) M.S.Swaminathan (father of the green revolution in India). He led the Green Revolution, significantly boosting food grain production (especially wheat and rice). The Green Revolution in India transformed agriculture into an industrial system through the adoption of modern methods, including HYV seeds, tractors,

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irrigation, pesticides, and fertilizers.

Sol.34.(c) 2008. The inaugural IPL season was won by Rajasthan Royals. There have been seventeen seasons of the IPL tournament (As of August, 2024). Mumbai Indians and Chennai Super Kings have each won five titles.

Sol.35.(a) Henry Derozio. He was a teacher at Hindu College in Calcutta, a proponent of progressive ideas and encouraged his students to challenge established norms. His advocacy led to the formation of the Young Bengal Movement, where his pupils actively questioned traditional practices, advocated for women's education, and championed the principles of free thought and expression.

Sol.36.(b) Central Bureau of Investigation (CBI). It is the investigating police agency in India. It assists the Central Vigilance Commission and Lokpal. It is not a statutory body but derives its power to investigate from the Delhi Special Police Establishment Act, 1946. Establishment (1st April, 1963) - On the recommendations of the Santhanam Committee.

Sol.37.(d) Lakshadweep. Census 2011: Lakshadweep - Total literacy rate (91.85 %), Male (95.56 %), Female (87.95 %), Sex ratio (946), Child sex ratio (911), Population Growth (6.30%).

Sol.38.(c) Maharashtra. This scheme connects all tribal villages in 17 districts of the state with main roads. Project cost - Rs 5,000 crore. Roads constructed - 6,838 km. Birsa Munda - A religious leader and folk hero from the Munda Tribe of the Chhota Nagpur Plateau area, whose spirit of activism is remembered as a strong mark of protest against British rule in India.

Sol.39.(a) Nagaland. Hornbill festival is celebrated annually in the first week of December. It is celebrated by the Naga tribe. It takes place at Kisama Heritage Village, around 12 km from Kohima (Capital city). It began in 2000. Other festivals in the state are Sekrenyi and Aoleang.

Sol.40.(c) Pudukkottai Dakshinamurthi Pillai. His Awards: Kalaimamani award (1985), Sahitya Kala Parishad award (1992). Other Indian Kanjira players: Anandan Sivamani, Jamey Haddad, Natarajan Ganesh Kumar.

Sol.41.(b)

$a = 2^4 \times 3^3$, $b = 2^5 \times 3^2$, $c = 2^5 \times 3^6$

LCM of (a, b, c) = $2^5 \times 3^6$

Sol.42.(c) 36% = $\frac{9}{25}$

CP : SP = 25 : (25 - 9) = 25 : 16

Sol.43.(d) Required % change in population = $\frac{75000 - 62500}{62500} \times 100$

= 20%

Sol.44.(b)

SI for 1 year = 350 × 12 = ₹4200

⇒ 7% = ₹4200

⇒ 100% = $\frac{4200}{7}$ × 100 = ₹60,000

Sol.45.(d)

LCM of (6,8,9,10) = 360 sec. = 6 min.

So, after 6 min. bells will ring together again.

Sol.46.(d) Net increase in the population

= $(5 + 8 + \frac{5 \times 8}{100})\%$ = (13 + 0.4) = 13.4%

Sol.47.(a) Relative speed, when two cars travel in opposite directions

= 40 + 50 = 90 km/hr

Distance between two cars

= 90 × 5 = 450 km

Sol.48.(a) Rate for $\frac{1}{2}$ year = $\frac{30}{2}$ = 15%

CI for 1 year (2 cycle) at 15%

= $(15 + 15 + \frac{(15)^2}{100})\%$ = 30 + 2.25

= 32.25%

SI for 1 year = 30%

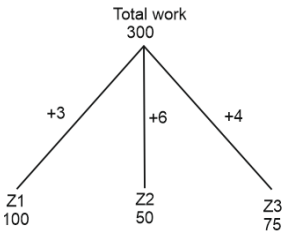
(CI - SI) for 1 year = 32.25% - 30%

= 2.25% of P

337.5 = $\frac{2.25}{100}$ P

P = $\frac{337.5 \times 100}{2.25}$ = ₹15,000

Sol.49.(a)



Work done by Z2 in 15 days = 15 × 6

= 90 unit

If Z2 works till the work is completed, then total work = 300 + 90= 390 unit

Time taken by all of them to complete the whole work = $\frac{390}{3+6+4} = \frac{390}{13}$

= 30 days

Sol.50.(c) 37.5% = $\frac{3}{8}$

SP = 640 × $\frac{5}{8}$ = ₹400

Sol.51.(b)

Rem($\frac{58^{29}}{5}$) = $\frac{(3)^{29}}{5} = \frac{3 \times (3^4)^7}{5}$

= $\frac{3 \times 1}{5}$ = 3

Sol.52.(d)

Radius of hemisphere = $\frac{21}{2}$ cm

TSA of hemisphere = $3\pi r^2$

= $3 \times \frac{22}{7} \times \frac{21}{2} \times \frac{21}{2} = \frac{2079}{2}$

= 1039.5 cm^2

Sol.53.(b) LCM of (4,5,20) = 20

Let 4M = 5N = 20 C = 20

⇒ M : N : C = $\frac{20}{4} : \frac{20}{5} : \frac{20}{20}$ = 5 : 4 : 1

Sol.54.(d)

Numbers - 2 : 3

Average - $1.5x$: x

Net average = $\frac{2 \times 1.5x + 3x}{2+3} = \frac{6x}{5}$

36 = $\frac{6x}{5}$ ⇒ x = 30

So, the sum of the first two no's

= 2 × 1.5x = 2 × 45 = 90

Sol.55.(d) Let CP be 100%

SP - CP = profit = ₹132

Profit% = 20%

⇒ 20% = ₹132

⇒ 120% = $\frac{132}{20}$ × 120 = ₹792

Sol.56.(c) Required fraction of work done by Aman in 8 days = $\frac{8}{28} = \frac{2}{7}$

Sol.57.(b)

Selling price = 25 × $\frac{70}{100}$ = $17.5

Sol.58.(b) $\sqrt{0.000081}$ = 0.009

Sol.59.(d)

Balancing the given ratio, we have :

A	B	C
2	3	**3**
4	4	5
8	12	15

Share of A = $\frac{8}{8+12+15}$ × 70,000

= $\frac{8}{35}$ × 70,000 = ₹16,000

Sol.60.(c) As we know, sum of first n odd number = n^2

Hence, Average of first 31 odd numbers

= $\frac{(31)^2}{31}$ = 31

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Sol.61.(b) Gauge- assess or determine the amount, level, or volume of something.
Measure - determine the size, amount, or degree of something.
Diagnose - identifying a condition or problem.
Propel - to drive or push forward.
Deviation - a departure from the usual or expected standard.

Sol.62.(d) Hidden- something that is concealed or not easily seen
Noticeable - something that is easily seen or observed.
Hail - to greet or acclaim.
Taunt - to provoke or tease.
Dignified - having a worthy or honorable appearance.

Sol.63.(d) the most funniest
'Funniest' is already the superlative form of 'funny', so using "most" with it is redundant. Hence, 'the funniest' is the most appropriate answer.

Sol.64.(c) Mince Words - to speak vaguely or indirectly.
E.g.- She didn't mince words during the meeting and directly addressed the issues.

Sol.65.(d) Defective- not valuable.
Precious - valuable or highly esteemed.
Important - significant or valuable in terms of impact or effect.
Pet - an animal kept for companionship or pleasure.
Dear - loved or highly valued.

Sol.66.(c) Agree - to have the same opinion as somebody/something
Spat - a minor argument or quarrel.
Persuade - to convince someone
Beguile - to charm or enchant (someone), often in a deceptive way
Nitpick - to look for small or unimportant errors.

Sol.67.(a) fare is going
Present continuous tense is used for future plans or arrangements. The fair has been planned to go up next week. Hence, 'fare is going' is the most appropriate answer.

Sol.68.(c) The sick woman had raised herself upright, and was stretching her arms towards them.
'Upright', 'stretching' and 'towards' are the correct spellings.

Sol.69.(a) No error
The given sentence is grammatically correct.

Sol.70.(b) a taxing
A taxing journey - a journey that requires a lot of effort or energy
Arduous - involve a lot of effort and difficulty.

Sol.71.(c) Buck up
'Buck up' means to encourage someone to try harder. In the given sentence, a person is being encouraged. Hence, 'buck up' is the most appropriate answer.

Sol.72.(b) To raise the wind- to obtain the necessary funds.
E.g.- He managed to raise the wind by selling some of his possessions to fund his new business.

Sol.73.(b) divour
'Devour' is the correct spelling.

Sol.74.(b)
didn't want to go on staring but it
The given sentence is in the past tense, so we will use didn't instead of doesn't. Hence, "didn't want to go on staring" is the most appropriate answer.

Sol.75.(c) the UK at January 2001
'In' is used for a specific month. Hence, 'the UK in January 2001' is the most appropriate answer.

Sol.76.(d) premises
"Premises" refers to the grounds or location of a building or site. The given passage talks about photographs and videos showing people bursting firecrackers on the premises of Kedarnath temple. Hence, 'premises' is the most appropriate answer.

Sol.77.(d) rounds
"Making the rounds" is an idiom that means to be passed from one person to another and become widely known. The given passage states that photographs and videos showing people bursting firecrackers on the premises of Kedarnath temple are making the rounds on social media. Hence, 'rounds' is the most appropriate answer.

Sol.78.(a) smoke
The sentence describes a video clip involving firecrackers. Firecrackers produce smoke, lights, and loud noises. Hence, 'smoke' is the most appropriate answer.

Sol.79.(c) alarm
"Alarm" indicates concern or worry about the impact of the firecrackers, which fits the context of the passage.
Hence, 'alarm' is the most appropriate answer.

Sol.80.(a) sensitive
'Sensitive' means vulnerable to damage. The given passage states the impact of firecrackers in a geologically sensitive glacier region. Hence, 'sensitive' is the most appropriate answer.

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SSC GD Constable
22/02/2024 (1st Shift)

Reasoning

Q.1. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.

Statements :

I. All land are vacant.

II. No land is girl.

Conclusions :

I. All vacant are land

II. All girls are vacant

(a) Only conclusion II follows

(b) Neither conclusion follows

(c) Only conclusion I follows

(d) Both conclusions I and II follows

Q.2. Eight boys B1, B2, B3, B4, B5, B6, B7 and B 8 are sitting in a row facing towards the north (not necessarily in the same order). B6 is fifth to the right of B1. B4 is fifth to the right of B5. B5 is to the immediate right of B1. B8 is third to the left of B4. B2 is third to the right of B7. B7 is an immediate neighbour of B1. Who is sitting on the immediate right of B2 ?

(a) B8 (b) B7 (c) B5 (d) B6

Q.3. Which of the following letter-number cluster will replace the blank (___) in the given series?

ME18, OG22, QI26, SK30, UM34, ___

(a) WO38 (b) WO36 (c) VO38 (d) VO36

Q.4. E × F' means 'E is the wife of F'

'E + F' means 'E is the brother of F'

'E ÷ F' means 'E is the sister of F'

'E - F' means 'E is the son of F'

How is J related to L in the expression 'I + J ÷ K - L' ?

(a) Mother (b) Sister

(c) Daughter (d) Wife

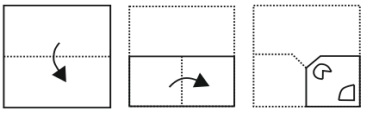
Q.5. If 7 * 5 @ 10 # 20 = 370 and 4* 3 @ 5 # 30 = 90, then 2 * 3 @ 4 # 5 = ?

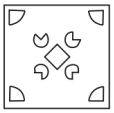
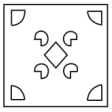
(a) 19 (b) 27 (c) 29 (d) 21

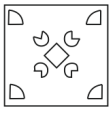
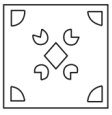
Q.6. Six friends P, Q, R, S, T, and U are sitting around a circular table facing away from the center. U sits exactly between R and S. S sits to the immediate left of T. P is sitting to the immediate right of Q . Who sits to the opposite of T?

(a) S (b) U (c) R (d) Q

Q.7. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened?



(a)  (b) 

(c)  (d) 

Q.8. In the following question, select the missing number from the given series.

85, 84, 92, 83, 147, ?

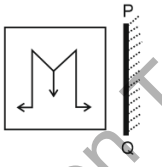
(a) 130 (b) 120 (c) 122 (d) 131

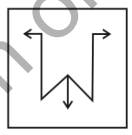
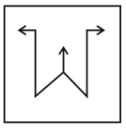
Q.9. In the following question, select the related letters from the given alternatives.

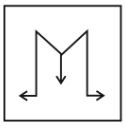
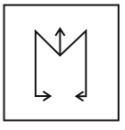
MICS : LHBR :: JRVP : ?

(a) IQUO (b) OCSN (c) RDHH (d) MLUK

Q.10. Select the correct mirror image of the given figure when the mirror PQ is placed to the right side of the figure.



(a)  (b) 

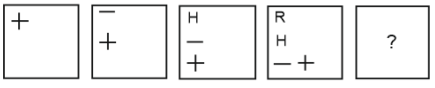
(c)  (d) 

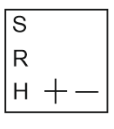
Q.11. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

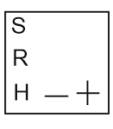
RT, VT, VX, ZX, ?

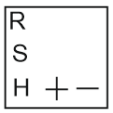
(a) ZR (b) RM (c) ZB (d) ZO

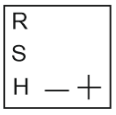
Q.12. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 

(b) 

(c) 

(d) 

Q.13. After arranging the given words according to dictionary order, which word will come at 'Third' position?

1. Recant 2. Receive 3. Recent
4. Recess 5. Recall

(a) Recess (b) Receive

(c) Recant (d) Recent

Q.14. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster, and the second letter cluster is related to the first letter cluster.

AWESOME : EWASEMO :: IMPRESS : PMIRSSE :: CONFUSE : ?

(a) NOCFESU (b) NOFCESU

(c) NOCFSEU (d) NOCFEUS

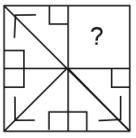
Q.15. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 

(c)  (d) 

Q.16. Which answer figure will complete the pattern in the question figure? (rotation is not allowed)



(a)  (b) 

(c)  (d) 

Q.17. In a certain code language, EATING' is coded as 'ELGRYC'. What is the code for 'COFFEE' in that code language?

(a) CCDDNB (b) CCDDMA

(c) CCDDMB (d) CCEEMB

Q.18. By interchanging which two signs

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and two numbers (not digits) the equation will be correct ?
8 - 4 × 9 + 6 ÷ 3 = 29
(a) + and ×, 4 and 6 (b) - and ×, 6 and 9
(c) × and ÷, 8 and 4 (d) - and ×, 9 and 3

Q.19. In a certain code language, if DESK is coded as 'BCQI1', CHAIR is coded as 'AFYGP2', then what will 'TABLE' be coded as?
(a) RHAKO1 (b) RHAKO2
(c) RYZJC3 (d) RYZJC2

Q.20. In the following question, select the missing number from the given series.
8, 27, 46, 65, ?, 103
(a) 80 (b) 81 (c) 88 (d) 84

General Awareness

Q.21. Disrespecting of National Flag is a violation of which of the following Fundamental Duties mentioned in the Indian Constitution ?
(a) Article 51A(a) (b) Article 51A(d)
(c) Article 51A(b) (d) Article 51A(c)

Q.22. Who has been conferred the first ever 'Udyog Ratna' award instituted by the Maharashtra government in August 2023 ?
(a) Savitri Jindal (b) Ratan Tata
(c) Adar Poonawala (d) Anand Mahindra

Q.23. "PM Programme for Restoration, Awareness, Nourishment and Amelioration of Mother Earth" (PM-PRANAM) scheme launched in 2023 aims _____.
(a) to make India self-reliant in automobile sector
(b) to provide food to poor
(c) to promote usage of alternative fertilizers and balanced use of chemical fertilizers
(d) to provide education to young girls

Q.24. On the bank of now dry course of which river, the ancient city of Harappa was built ?
(a) Gandak (b) Ravi
(c) Kosi (d) Yamuna

Q.25. Which term is used to denote the mean income computed for every man, woman, and child in a particular group including those living in group quarters?
(a) Per capita income
(b) Per hundred income
(c) GDP
(d) PRCS

Q.26. Kathak dance is known as combination of _____.
(a) Music and narrative only
(b) Music and drama only
(c) Music and dance only
(d) Music, dance and narrative

Q.27. Which instrument is played by Pandit Ravi Shankar?
(a) Sarod (b) Guitar (c) Sitar (d) Tabla

Q.28. Which of the following is NOT a writ issued by the Supreme Court of India?
(a) Jus soli (b) Prohibition
(c) Habeas corpus (d) Quo warranto

Q.29. Radha Sridhar is associated with which of the following classical dance ?
(a) Sattriya (b) Bharatnatyam
(c) Kathak (d) Manipuri

Q.30. The Simon Commission arrived in India in _____.
(a) 1931 (b) 1919 (c) 1922 (d) 1928

Q.31. The proportion of the population below the poverty line is called the poverty ratio or _____.
(a) Income Disparity Index
(b) headcount ratio
(c) Socioeconomic Quotient
(d) Gini Coefficient

Q.32. Gurpurab is celebrated by which of the following community ?
(a) Hindu (b) Christian (c) Sikh (d) Parsi

Q.33. Which sport is played by the Indian sportsperson Anjum Chopra ?
(a) Lawn Tennis (b) Cricket
(c) Badminton (d) Football

Q.34. Which Chief Minister made an announcement regarding the issuance of Kunbi certificates to old Maratha Kunbis in 2023 ?
(a) Pema Khandu
(b) Jagdish Mukhi
(c) Eknath Shinde
(d) Biswabhushan Harichandan

Q.35.Which country hosted the FIFA U-17 World Cup 2023 ?
(a) Spain (b) Portugal
(c) Japan (d) Indonesia

Q.36. Rukmini Devi is regarded as one of the most distinguished artists of _____.
(a) Bharatanatyam (b) Kathakali
(c) Mohiniattam (d) Bhortal Dance

Q.37. Who of the following is an agricultural scientist who has played an important role in the green revolution in India?
(a) C. Subramaniam
(b) Monkombu Sambasivan Swaminathan
(c) Vikram Sarabhai
(d) Verghese Kurien

Q.38. Direct change of gas to solid without changing into liquid is called ___.
(a) Vaporization (b) Deposition
(c) Evaporation (d) Sublimation

Q.39. A football match is played by two teams, each with a maximum of ____.
(a) eleven players (b) ten players
(c) five players (d) seven players

Q.40. Which among the following have the lowest sex-ratio as per 2011 Census?
(a) Tamil Nadu (b) Andhra Pradesh
(c) Madhya Pradesh (d) Rajasthan

Quantitative Aptitude

Q.41. The simple interest on a certain sum of money at rate of interest 6% per annum for 2 years is Rs. 960. What is the compound interest (compounding annually) on the same sum for the same period and at the same rate of interest ?
(a) Rs. 985.4 (b) Rs. 988.8
(c) Rs.1122.2 (d) Rs.1025.1

Q.42. If the diagonals of a rhombus are 48 cm and 64 cm, then what is the perimeter of the rhombus ?
(a) 120 cm (b) 75 cm
(c) 225 cm (d) 160 cm

Q.43. Price of 1 kg of wheat is increased by 50 percent and the increase is of Rs. 25. What is the new price of the wheat per kg?
(a) Rs. 45 (b) Rs. 60 (c) Rs. 75 (d) Rs. 55

Q.44. If a car travels 150 km at a speed of 50 km/h, how long does it take to complete the journey?
(a) 3 hours (b) 3.5 hours
(c) 4.5 hours (d) 4 hours

Q.45. A watch is purchased for Rs. 6000 and sold for Rs. 5500. What is the loss percentage?
(a) 8.08 % (b) 11.11 % (c) 8.33 % (d) 7.28 %

Q.46. The average of P, Q, and R is 40. If the average of P and Q is 35 and the average of Q and R is 45, what is the value of Q ?
(a) 32 (b) 40 (c) 28 (d) 48

Q.47. The average age of 30 students in a class is 20 years. If each student's age is increased by 5 years, then determine the number by which the average age is increased.
(a) 8 (b) 7 (c) 5 (d) 3

Q.48. If M : N : P = 3 : 7 : 5 and P : Q = 1 :

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2, then what is the value of M : Q ?
(a) 2 : 1 (b) 2 : 3 (c) 1 : 3 (d) 3 : 10

Q.49. W and X together can complete a work in 40 days. X and Y together can complete the same work in 60 days. If W, X and Y all work together, then the same work gets completed in 30 days. How many days will W and Y together take to complete the same work?
(a) 45 (b) 40 (c) 50 (d) 36

Q.50. If Marked price of an article is Rs. 4500 and selling price is Rs. 3900. What is the discount?
(a) 500 (b) 600 (c) 700 (d) 850

Q.51. After giving 50 percent discount on an article there is still a profit of 50 percent. What will be the profit percentage when no discount is given?
(a) 300 % (b) 100 % (c) 150 % (d) 200 %

Q.52. If the difference between the two numbers is 30 percent of their sum, then what is the ratio of larger number and smaller number?
(a) 14 : 3 (b) 12 : 5 (c) 13 : 7 (d) 15 : 7

Q.53. Convert $0.4\overline{1}$ into fraction.
(a) $\frac{5}{9}$ (b) $\frac{3}{7}$ (c) $\frac{37}{90}$ (d) $\frac{4}{9}$

Q.54. Which of the following number is not divisible by 9?
(a) 3789 (b) 7857 (c) 1845 (d) 3658

Q.55. Amar is 10 percent more efficient than Sachin. If Sachin alone can finish a work in 44 days, then in how many days will Amar alone finish the same work?
(a) 40 (b) 52 (c) 47 (d) 45

Q.56. The product of two numbers is 1408, and their LCM is 352. Find the HCF.
(a) 4 (b) 2 (c) 3 (d) 7

Q.57. If X : Y = 11 : 5, then what is the value of (X - Y) : (X + Y) ?
(a) 6 : 15 (b) 3 : 8 (c) 5 : 16 (d) 8 : 3

Q.58. Find the HCF of 258, 301, and 387.
(a) 29 (b) 27 (c) 22 (d) 43

Q.59. The simple interest received on a certain sum is Rs.1782 for 3 years. What will be the simple interest on the same sum at the same rate of interest for 10 years?
(a) Rs. 6940 (b) Rs. 6800
(c) Rs. 5940 (d) Rs. 6840

Q.60. Anurag sold a refrigerator for ₹28000, at a loss of 30%. If he wanted to earn a profit of 25%, at what price should he have sold the refrigerator?
(a) Rs. 52,700 (b) Rs. 52,000
(c) Rs. 50,000 (d) Rs. 51,500

English

Q.61. Choose the option which are antonyms (opposite of) the word used in the sentence given below:
Although her happiness was manifest in her cheerful demeanour, the hidden sorrow in her eyes revealed a deeper emotional struggle.
(a) manifest/hidden
(b) demeanour/sorrow
(c) happiness/struggle
(d) manifest/revealed

Q.62. Choose the most appropriate synonym of the underlined word.
The trend of artwork among Middle Eastern ladies is nothing new, yet nail paint is frequently **overlooked.**
(a) Appreciated (b) Pranked
(c) Sedated (d) Neglected

Q.63. Choose the word that is opposite in meaning to the given word.
Ache
(a) Colic (b) Serene (c) Ease (d) Gloomy

Q.64. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Snow was falling light when everyone was leaving church.
(a) No error
(b) light when everyone
(c) Snow was falling
(d) was leaving church.

Q.65. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
They plan to marrying in the spring.
(a) plan to marry (b) No improvement
(c) plans to marry (d) plan to married

Q.66. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
My son was not well yesterday and today I'm **feeling sick.**
(a) Under the weather (b) Call it a day
(c) Face the music (d) Break a leg

Q.67. Select the most appropriate word to fill in the blank
_____ of the shops in the High Street have closed recently.
(a) Most (b) Quite (c) Little (d) Very

Q.68. Select the most appropriate word to fill in the blank.
This _____a challenging time for us all.
(a) was been (b) are
(c) has been (d) had being

Q.69. Select the sentence with no spelling errors.
(a) Napoleon went to great lenths to craft his image as a benign ruler.
(b) Napoleon went to great lengths to craft his image as a benign ruler.
(c) Napoleon went to great lengths to craft his image as a benign rouler.
(d) Napoleon went to great lengths to craft his image as a benine ruler

Q.70. Select the incorrectly spelt word from the given sentence.
As a jazz lover, I want people to embrace the music for its entrinsic qualities, not its symbolic resonance.
(a) qualities (b) resonance
(c) entrinsic (d) embrace

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
My parents are best people, but they get quite emotional sometimes.
(a) but they get
(b) No error
(c) My parents are best people
(d) quite emotional sometimes

Q.72. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To be on one's last legs
(a) To be near death
(b) To fuss about a trifle
(c) To get married soon
(d) Last day of work

Q.73. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
We should enjoyed playing all sorts of games
(a) enjoy playing (b) enjoy play
(c) No improvement (d) enjoyed play

Q.74. Fill in the blank with the correct synonym of the word "lavish":
Her _____donation to the cause greatly benefited the community.
(a) stingy (b) contradictory
(c) generous (d) miserly

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
She promises to meet me at her mother's house yesterday.
(a) house yesterday.
(b) me at her mother's

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(c) She promises to meet
(d) No error

Cloze Test :

Direction :- [Q.76. to Q.80.]

The concentrations of green house gases (GHG) that (76) _____ heat in the Earth's atmosphere rose to record levels (77) _____2022, according to the GHG bulletin released by the World Meteorological Organisation (WMO) on November 15, 2023. The rise in concentrations of GHGs is mainly (78) _____the use of fossil fuels for various human activities.

This would lead to a (79) _____rise in global average temperatures, sea-level rise, glacial melting and increase in frequency and intensity of rapid-onset extreme weather events (80) _____ torrential rainfall, flash floods, tropical cyclones and heatwaves.

Q.76. (a) bark (b) waste
(c) trap (d) hang

Q.77. (a) of (b) at (c) on (d) in

Q.78. (a) rather than (b) of
(c) that (d) due to

Q.79. (a) further (b) far
(c) for (d) farther

Q.80.(a) such as (b) such
(c) SO (d) like as

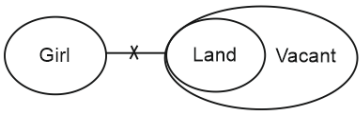
Answer Key :-

1.(b)	2.(a)	3.(a)	4.(c)
5.(c)	6.(c)	7.(d)	8.(c)
9.(a)	10.(c)	11.(c)	12.(b)
13.(b)	14.(a)	15.(d)	16.(c)
17.(b)	18.(b)	19.(d)	20.(d)
21.(a)	22.(b)	23.(c)	24.(b)
25.(a)	26.(d)	27.(c)	28.(a)
29.(b)	30.(d)	31.(b)	32.(c)
33.(b)	34.(c)	35.(d)	36.(a)
37.(b)	38.(b)	39.(a)	40.(d)
41.(b)	42.(d)	43.(c)	44.(a)
45.(c)	46.(b)	47.(c)	48.(d)
49.(b)	50.(b)	51.(d)	52.(c)
53.(c)	54.(d)	55.(a)	56.(a)
57.(b)	58.(d)	59.(c)	60.(c)
61.(a)	62.(d)	63.(c)	64.(b)
65.(a)	66.(a)	67.(a)	68.(c)
69.(b)	70.(c)	71.(c)	72.(a)

73.(a)	74.(c)	75.(c)	76.(c)
77.(d)	78.(d)	79.(a)	80.(a)

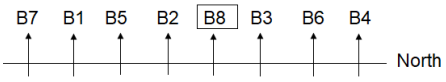
Solutions :-

Sol.1.(b)



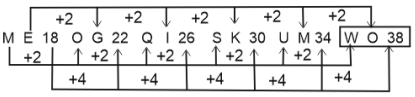
Clearly, we can see that Neither I nor IIconclusion follows.

Sol.2.(a)

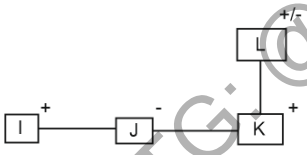


Clearly, we can see that B8 is sitting on the immediate right of B2.

Sol.3.(a)



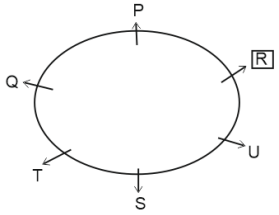
Sol.4.(c) Applying the directions given in this question, we have following family tree :



Clearly, we can see that J is the daughter of L.

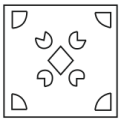
Sol.5.(c) After Interchanging *, @ and # with '×', '×' and '+' respectively we get ;
7 * 5 @ 10 # 20 = 370
⇒ 7 × 5 × 10 + 20 = 370
4* 3 @ 5 # 30 = 90 ⇒ 4 × 3 × 5 + 30 = 90
Similarly, 2 * 3 @ 4 # 5 = 2 × 3 × 4 + 5 = **29**

Sol.6.(c)

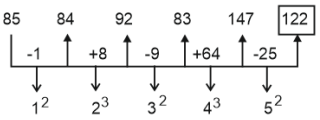


Clearly, we can see that R sits to the opposite of T .

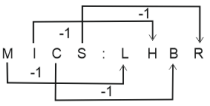
Sol.7.(d)

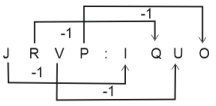


Sol.8.(c)



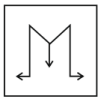
Sol.9.(a)



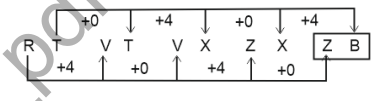


Similarly,

Sol.10.(c)



Sol.11.(c)

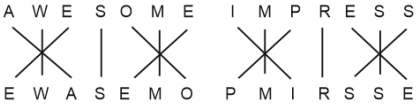


Sol.12.(b)



Sol.13.(b) The correct dictionary order is :
Recall → Recant → Receive → Recent → Recess
Therefore , Word which will come at 'Third' position is Receive.

Sol.14.(a)





Similarly,

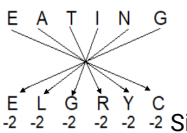
Sol.15.(d)

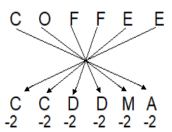


Sol.16.(c)



Sol.17.(b)





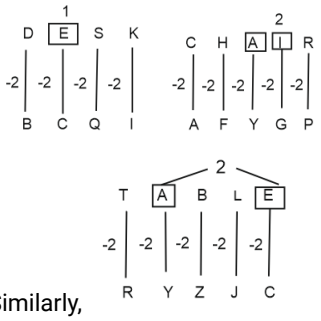
Similarly,

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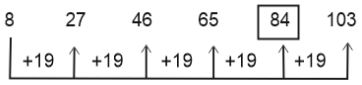
Sol.18.(b) Given : 8 - 4 × 9 + 6 ÷ 3 = 29
After going through all the options, option(b) gets satisfied. Now, Interchanging '-' and '×' , 6 and 9 we get ;
8 × 4 - 6 +9 ÷ 3
32 - 6 + 3 = 29 ⇒ 29 = 29
LHS = RHS

Sol.19.(d) Logic : Letters are decreased by 2 and numbers are written according to the number of vowel in it



Similarly,
So., TABLE are coded as RYZJC2 .

Sol.20.(d)



Sol.21.(a) Article 51A(a). Fundamental Duties (Article 51A under Part IVA): Article 51A (b) - To cherish and follow the noble ideals which inspired our national struggle for freedom; Article 51A (c) - To uphold and protect the sovereignty, unity, and integrity of India; Article 51A (d) - To defend the country and render national service when called upon to do so.

Sol.22.(b) Ratan Tata. His awards: Padma Vibhushan (2008), and Padma Bhushan (2000). Adar Poonawalla (CEO of Serum Institute of India) was given the 'Udyog Mitra' award. The 'Udyogini Award' for women entrepreneurs was given to Gauri Kirloskar (Director of the Kirloskar Group). The 'Outstanding Marathi Entrepreneur' award was given to Vilas Shinde (Managing Director of Sahyadri Farms).

Sol.23.(c) The Cabinet Committee on Economic Affairs has approved the "PM-PRANAM" on 28th June, 2023. All States/UTs are covered under the PM-PRANAM. Aim - to complement the efforts initiated by States/UTs to save the health of Mother Earth by promoting sustainable and balanced use of fertilizers, adopting alternate fertilizers, promoting organic & natural farming etc.

Sol.24.(b) Ravi. Harappan civilization was discovered in 1921. Important Sites of Indus Valley Civilisation (IVC) and Their Associated River: Mohenjodaro (Mound of Dead) - Indus river; Sutkagendor (Dast river); Kalibangan (Ghaggar river); and Lothal (Bhogava river).

Sol.25.(a) Per capita income. Gross Domestic Product (GDP) is the total value of all final goods and services produced in a country within a specific period of time. Calculation of GDP: GDP = Consumption + Investment + Government Spending + Net Exports.

Sol.26.(d) Music, dance and narrative. Kathak is one of the classical dances of India. The word Kathak has been derived from the word Katha which means a story. It is mainly performed in Northern India and often portrays the legends of Radha and Krishna. Notable Kathak dancers are Pandit Birju Maharaj and Sitara Devi.

Sol.27.(c) Sitar. His awards: Bharat Ratna (1999), Padma Vibhushan (1981), and Padma Bhushan (1967). Exponents of Various Musical Instruments: Sitar - Nikhil Banerjee, Manilal Nag, and Mustaq Ali Khan; Sarod - Amjad Ali Khan, Allaudin Khan, and Ustad Ali Akbar Khan; Tabla - Allah Rakha, Pt. Kishan Maharaj.

Sol.28.(a) Jus soli. The Supreme Court and High Courts in India have the power to issue writs under Article 32 and Article 226 of the Constitution, respectively. Five types of writs - Habeas Corpus (To have the body); Mandamus (We Command); Prohibition (To forbid); Certiorari (To be certified) and Quo Warranto (By what authority).

Sol.29.(b) Bharatnatyam. Her Award - Sangeet Natak Akademi Award (2018). Other Exponents of Bharatanatyam - Mrinalini Sarabhai, Mallika Sarabhai, Padma Subramanyam, Yamini Krishnamurthy and Anita Ratnam. Exponents of Indian Classical Dances: Kathak - Pandit Birju Maharaj, Roshan Kumari, Shovana Narayan, and Kumudini Lakhia; Manipuri - Guru Bipin Singh, Darshana Jhaveri, and Charu Mathur; Sattriya - Guru Jatin Goswami, Guru Ghanakanta Bora, and Bhabananda Barbayan.

Sol.30.(d) 1928. Simon Commission (Indian Statutory Commission) was a group of seven Members of Parliament. Chairman - Sir John Simon. Aim - To look into the functioning of the constitutional system in India and suggest changes. The commission did not have a single Indian member. When the Simon Commission arrived in India, it was greeted with the slogan 'Go back Simon'.

Sol.31.(b) headcount ratio. Gini Coefficient - It measures the degree of income equality in a population. It can vary from 0 (perfect equality) to 1 (perfect inequality). A Gini Coefficient of zero means that everyone has the same income, while a Coefficient of 1 represents a single individual receiving all the income.

Sol.32.(c) Sikh. Gurpurab is celebrated in honour of the Sikh Gurus. Other Fairs and Festivals of Punjab - Lohri, Basant Panchami, Hola Mohalla, Maghi, Bandi Chhor Divas, and Baisakhi.

Sol.33.(b) Cricket. Sports and their personalities: Cricket - Harmanpreet Kaur, Shafali Verma, Smriti Mandhana. Tennis - Sania Mirza, Rohan Bopanna, Mahesh Bhupathi. Badminton - Saina Nehwal, PV Sindhu, Prakash Padukone. Football - Sunil Chhetri, Gurmeet Singh, Bhaichung Bhutia.

Sol.34.(c) Eknath Shinde. He is a politician who is currently serving as the 20th Chief Minister of Maharashtra since June 2022. Kunbi, a community associated with agriculture, is grouped under the Other Backward Classes (OBC) category in Maharashtra.

Sol.35.(d) Indonesia. The FIFA U-17 World Cup is the world championship of association football for male players under the age of 17 organized by Federation Internationale de Football Association (FIFA). 2023 Tournament Champion - Germany (won its first title at the 2023 tournament). FIFA U-17 World Cup Hosts: 2025 - Qatar, 2019 - Brazil, 2017 - India, 2015 - Chile.

Sol.36.(a) Bharatanatyam. Rukmini Devi Arundale - The first woman in Indian history to be nominated as a member of the Rajya Sabha. She established the Kalakshetra Foundation at Adyar, Chennai. Her award: Padma Bhushan (1956). Other Exponents of Bharatanatyam: Meenakshi Sundaram Pillai, T. Balasaraswati, Alarmel Valli, and Yamini Krishnamurthy.

Sol.37.(b) Monkombu Sambasivan Swaminathan. He is known as the Father of the Green Revolution in India. C. Subramaniam - He was a Minister of Education, Law, and Finance from 1952 to 1962 under Rajaji and K. Kamaraj.

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Along with Dr. M.S. Swaminathan and B. Sivaraman, he was the architect of India's modern agricultural development policy and the Green Revolution. Vikram Sarabhai - The father of the Indian space program. Verghese Kurien - Known for his role in the White Revolution.

Sol.38.(b) Deposition. Vaporization - It is the process of changing a substance from liquid to gas. Evaporation - It is a process by which water is transformed from liquid to gaseous state. Sublimation - The process of converting of a substance from solid to gas directly, without passing through the liquid phase.

Sol.39.(a) eleven players. Sports and Number of Players: Cricket (11), Basketball (5), Volleyball (6), Hockey (11), Baseball (9), Handball (7), Water Polo (7), Kabaddi (7), and Kho Kho (9).

Sol.40.(d) Rajasthan. 2011 Census, sex ratio of India is 943 females per thousand males. State/UT-wise details of sex ratio: Tamil Nadu (996), Andhra Pradesh (993), Madhya Pradesh (931), Rajasthan (928), Delhi (868), and Kerala (1084).

Sol.41.(b) Let principal be 100%
6% × 2 = 12% ---------- ₹960
100% ---------- $\frac{960}{12}$ × 100 = ₹8,000
Successive rate for 2 years
= 6 + 6 + $\frac{6\times6}{100}$ = 12.36%
CI on the same sum for the same period at the same rate = 8000 × 12.36%
= ₹ 988.8.

Sol.42.(d) Side of rhombus
= $\sqrt{(\frac{D_1}{2})^2 + (\frac{D_2}{2})^2}$ = $\sqrt{24^2 + 32^2}$
= $\sqrt{1600}$ = 40 cm
So, the perimeter of rhombus = 40 × 4 cm = 160 cm

Sol.43.(c) Old price : New price = 2 : 3
3 - 2 = 1 unit ---------- ₹25
3 unit ---------- 25 × 3 = ₹75

Sol.44.(a) Time taken by car to complete the journey = $\frac{150}{50}$ = 3 hrs

Sol.45.(c) CP : SP = 6000 : 5500 = 12 : 11
loss% = $\frac{12-11}{12}$ × 100 = $\frac{100}{12}$ = 8.33%

Sol.46.(b) According to the question,
P + Q + R = 40 × 3 = 120
P + Q = 35 × 2 = 70
Q + R = 45 × 2 = 90
Now, Q = [(P + Q) + (Q + R) - (P + Q + R)]
⇒ [(70) + (90) - (120)] = 160 - 120 = 40
Hence, Q = 40

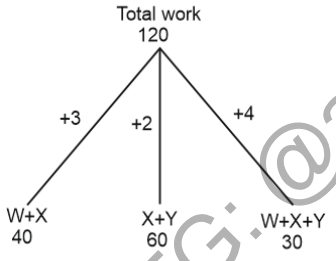
Sol.47.(c) Average age of 30 students = 20 yrs
New average age of 30 students
= 20 + $\frac{30\times5}{30}$ = 25
So, the average age is increased by 5 i.e.25-20
Short Trick :
When each no. increase by n, average is also increased by n.
Therefore, average age is increased by 5.

Sol.48.(d)

M	N	P	Q
3	7	5	**5**
1	**1**	**1**	2
3	7	5	10

So, M : Q = 3 : 10

Sol.49.(b)



eff(W) = 4 - 2 = 2 unit
eff(Y) = 4 - 3 = 1 unit
eff(W + Y) = 2 + 1 = 3 unit
Time taken by (W + Y) to complete the whole work = $\frac{120}{3}$ = 40 days

Sol.50.(b)
Discount = MP - SP = 4500 - 3900 = ₹600

Sol.51.(d)
$\frac{MP}{CP}$ = $\frac{(100+profit)\%}{(100-discount)\%}$ = $\frac{150}{50}$ = $\frac{3}{1}$
If discount is not given, then MP = SP
⇒ $\frac{SP}{CP}$ = $\frac{3}{1}$
Required profit % = $\frac{3-1}{1}$ × 100 = 200%

Sol.52.(c) Let the two no's be a and b
According to the question,
$\frac{a+b}{a-b}$ = $\frac{100}{30}$ = $\frac{10}{3}$
Using componendo dividendo,
$\frac{a}{b}$ = $\frac{10+3}{10-3}$ = $\frac{13}{7}$

Sol.53.(c) $0.4\overline{1}$ = $\frac{41-4}{90}$ = $\frac{37}{90}$

Sol.54.(d) Divisibility rule of 9:
The sum of the digits of the given no. should be divisible by 9
Checking all the options one by one,
we get 3658 i.e.3 + 6 + 5 + 8 = 22 ,
which is not divisible by 9
So, the correct option is (d)

Sol.55.(a)
Eff(Amar) : Eff(Sachin) = 11 : 10
Total work = 44 × 10 = 440 unit
Time taken by Amar alone to finish the whole work = $\frac{440}{11}$ = 40 days

Sol.56.(a) As we know, LCM × HCF = product of two no's
352 × HCF = 1408
HCF = $\frac{1408}{352}$ = 4

Sol.57.(b) X - Y : X + Y = 11-5 : 11+ 5
= 6 : 16 = 3 : 8

Sol.58.(d) HCF is always either the difference of two numbers or factors of difference of two numbers.
Difference of (301 , 258) = 301 - 258 = 43
and difference of 387-301 = 86 , one of the factor of 86 is 43, which completely divides the given no's
So, HCF = 43

Sol.59.(c)
T ∝ SI (when P & R is constant)
3 years ---------- ₹1782
10 years ---------- $\frac{1782}{3}$ × 10 = ₹5940

Sol.60.(c) Let CP be 100%
70% ---------- ₹28,000
125% ---------- $\frac{28,000}{70}$ × 125 = ₹50,000

Sol.61.(a) Manifest / hidden- Manifest means something that is obvious & Hidden means concealed or not visible.
Demeanour / sorrow- Demeanour means outward behavior & Sorrow means a feeling of deep distress.
Manifest / revealed- Manifest means something that is obvious & Revealed means already known to others.

Sol.62.(d) Neglected- to fail to care for something properly.
Overlooked- not noticed or given proper attention to.
Appreciated- to recognize the value or significance of something.
Pranked- to play a joke or trick on someone.
Sedated - to calm or soothe with medication.

Sol.63.(c) Ease- absence of pain or discomfort.
Ache- a continuous pain or discomfort.

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Colic- severe pain in the abdomen caused by wind or obstruction in the intestines and suffered especially by babies.
Serene- calm and peaceful.
Gloomy- a state of darkness or sadness.

Sol.64.(b) light when everyone
'Light' must be replaced with 'lightly' as we need an adverb here to describe the manner in which snow was falling. Hence, 'lightly when everyone' is the most appropriate answer.

Sol.65.(a) plan to marry
The first form of the verb is used after the preposition 'to'. Hence, 'plan to marry' is the most appropriate answer.

Sol.66.(a)
Under the weather- feeling sick.

Sol.67.(a) Most
'Most of + plural noun' is the correct usage. Hence, 'most' is the most appropriate answer.

Sol.68.(c) has been
'Has been' is the only correct verb form here, which denotes a situation that has occurred. Hence,'has been' is the most appropriate answer.

Sol.69.(b) Napoleon went to great lengths to craft his image as a benign ruler.
'Lengths', 'benign' and 'ruler' are the correct spellings.

Sol.70.(c) entrinsic
'Intrinsic' is the correct spelling.

Sol.71.(c) My parents are best people
'Best' must be replaced with 'good' as there is no comparison with all the other parents. Hence, 'My parents are good people' is the most appropriate answer.

Sol.72.(a) To be on one's last legs - to be near death.
E.g.- The ancient tree in the yard is on its last legs, with only a few leaves left.

Sol.73.(a) enjoy playing
The first form of the verb is used after modals. Also, the verb 'enjoy' takes a gerund after it. Hence, 'enjoy playing' is the most appropriate answer.

Sol.74.(c) Generous- willingness to give more of something, such as money or time.
Lavish- giving or spending more than is necessary.
Stingy- unwilling to spend or give much, miser
Contradictory- something that is in opposition or conflict with something else.
Miserly- someone who hoards wealth and spends as little as possible.

Sol.75.(c) She promises to meet
The past form of the verb should be used as the word 'yesterday' indicates past tense. Hence, 'She promised to meet' is the most appropriate answer.

Sol.76.(c) trap
'Trap' means to get stuck and be unable to escape. The given passage states that the concentration of green house gases that trap in the Earth's atmosphere rose to record levels. Hence, 'trap' is the most appropriate answer.

Sol.77.(d) in
'In' is used for a month, year, or season. Hence, ' in' is the most appropriate answer.

Sol.78.(d) due to
'Due to' is used to provide the cause or reason for something. The given passage states the cause of the rise in concentrations of GHGs. Hence, 'due to' is the most appropriate answer.

Sol.79.(a) further
'Further' is used to denote an additional degree or extent. The given passage states that this would lead to further rise. Hence, 'further' is the most appropriate answer.

Sol.80.(a) such as
'Such as' is used to introduce examples. The given passage provides specific examples of rapid - onset extreme weather events. Hence, 'such as' is the most appropriate answer.

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SSC GD Constable 22/02/2024 (2nd Shift)

Reasoning

Q.1. Six colleagues Peter, Quin, Rachel, Sam, Tina, and Ulysses are sitting in a circle facing away from the center. Peter is sitting to the immediate right of Quin. Tina is not sitting next to Peter. Sam, who is sitting to the immediate left of Quin, is also sitting to the immediate right of Ulysses. Who is sitting to the immediate right of Tina ?
(a) Quinn (b) Ulysses
(c) Rachel (d) Peter

Q.2. Arrange the given words in the sequence in which they occur in the dictionary.
1. Debate 2. Debark 3. Debar
4. Debauch 5. Debenture
(a) 1, 2, 3, 5, 4 (b) 3, 2, 1, 5, 4
(c) 1, 2, 3, 4, 5 (d) 3, 2, 1, 4, 5

Q.3.
'M × N' means 'M is the mother of N'
'M + N' means 'M is the father of N'
'M ÷ N' means 'M is the sister of N'
'M - N' means 'M is the brother of N'
How is X related to Y in the expression 'X ÷ Z - A × Y' ?
(a) Mother's sister (b) Sister
(c) Husband's sister (d) Father's sister

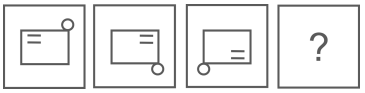
Q.4. In a certain code language, TEACH' is coded as '74', 'STUDY' is coded as '178'. What is the code for 'NEVER' in that code language ?
(a) 128 (b) 124 (c) 118 (d) 132

Q.5. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I: All bicycles are wheels.
Statement II: Some bicycles are vehicles.
Statement III: Some vehicles are not tyres.
Conclusion I: Some bicycles are tyres.
Conclusion II: Some wheels are not vehicles.
(a) Both conclusions I and II follow
(b) Neither conclusion I nor II follows
(c) Only conclusion I follows
(d) Only conclusion II follows

Q.6. In a certain code language, 'LEAVE' is coded as '42', 'TEAM' is coded as '36'. What is the code for 'OFFER' in that code language ?
(a) 46 (b) 48 (c) 47 (d) 50

Q.7. Which two signs should be interchanged to make the given equation correct?
62 + 12 - 42 ÷ 7 × 44 = 90
(a) × and ÷ (b) × and –
(c) × and + (d) + and ÷

Q.8. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

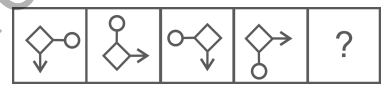


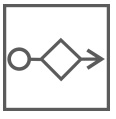
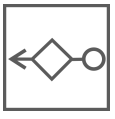
(a)  (b) 
(c)  (d) 

Q.9. Which of the following numbers will replace the question mark (?) in the given series?
118, 113, 108, 103, 98, 93, ?
(a) 75 (b) 88 (c) 59 (d) 62

Q.10. Which of the following letter cluster will replace the question mark (?) in the given series ?
DS, EN, GJ, JG, NE, ?
(a) SC (b) RD (c) RE (d) SD

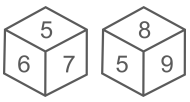
Q.11. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 
(c)  (d) 

Q.12. In the following question, select the missing number from the given series.
10, 28, 46, 64, ?, 100
(a) 85 (b) 80 (c) 90 (d) 82

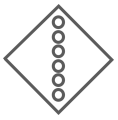
Q.13. Two different positions of the same dice are given below. Find the number opposite of 8.



(a) 9 (b) 6 (c) 7 (d) 5

Q.14. A paper is folded and cut as shown below. How will it appear when unfolded?



(a)  (b) 
(c)  (d) 

Q.15. If 17 M 18 N 55 O 5 = 46 and 68 M 13 N 65 O 13 = 86, then 40 M 70 N 85 O 17 = ?
(a) 135 (b) 145 (c) 115 (d) 150

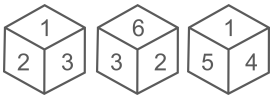
Q.16. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster and the second letter cluster is related to the first letter cluster.
CAUSAL : ACUSLA : DEBATE : EDBAET : : EFFORT : ?
(a) FEOFTR (b) TROFFE
(c) FEFOTR (d) FFETRO

Q.17. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
gghhiijjggh_iijjgghh_ _jjgghhiijjgghhiijjgg_ hiijj
(a) ghij (b) hihi (c) gghh (d) hiih

Q.18. Five friends Priya, Rahul, Suresh, Tina, and Varun are sitting on a circular table facing the center. Varun, who is sitting to the immediate left of Rahul, is also second to the right of Tina. Suresh is not sitting next to Varun. Who is sitting second to the left of Rahul ?
(a) Priya (b) Tina (c) Suresh (d) Varun

Q.19. Select the option that is related to the fifth number-letter cluster in the same way as the fourth number-letter cluster is related to the third number-letter cluster, and the second number-letter cluster is related to the first number-letter cluster.
ELECTRON : TRONCELE : : FUNCTION : TIONCNUF : : CLUSTERS : ?
(a) TERSSUCL (b) TRESSULC
(c) TERSSULC (d) TERSUSLC

Q.20. Three different positions of the same dice are given below. Find the number opposite of 1.



(a) 4 (b) 6 (c) 3 (d) 2

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General Awareness

Q.21. Unemployment that occurs during recessions and depressions are called as _____ .
(a) Disguised unemployment
(b) Frictional unemployment
(c) Seasonal unemployment
(d) Cyclical unemployment

Q.22. _____ in Indian Dance is given in recognition of excellence and achievement in performance or research studies in Indian Dance.
(a) The Manorama Thakkar Award
(b) The Uday Shankar Award
(c) The Rukmini Devi Award
(d) The Nritya Choodamani Award

Q.23. Which article of the Indian Constitution comprises the fundamental duties ?
(a) 51-A (b) 52-A (c) 53-A (d) 54-A

Q.24. Which of the following clubs is playing in the i-League 2023/24 ?
I. Punjab FC
II. Mohammedan Sporting Club
(a) Neither I nor II (b) Only I
(c) Only II (d) Both I and II

Q.25. Which two teams played in the finals of the Syed Mushtaq Ali Trophy in November 2023 ?
(a) Punjab and Baroda
(b) Punjab and Assam
(c) Assam and Baroda
(d) Baroda and Delhi

Q.26. In which of the following states of India is Nongkrem festival celebrated ?
(a) Rajasthan (b) Madhya Pradesh
(c) Tamil Nadu (d) Meghalaya

Q.27. Tipu Sultan became the ruler of Mysore in_____.
(a) 1798 (b) 1782 (c) 1792 (d) 1786

Q.28. The Bharatiya Nagarik Suraksha Sanhita (BNSS) 2023, aimed at replacing the Criminal Procedure Code was introduced by _____.
(a) President Draupadi Murmu
(b) Foreign Minister S.Jayshankar
(c) Prime Minister Narendra Modi
(d) Home Minister Amit Shah

Q.29. Which of the following statements is correct regarding five year plan in India?
I. India had emerged as one of the fastest growing economy by the end of the Tenth Five year Plan.
II. Tenth Five year Plan had set 'monitorable targets' for few key indicators of development.
(a) Neither I nor II (b) Only II
(c) Both I and II (d) Only I

Q.30. Who was recently appointed as a Deputy Governor of the Reserve Bank of India (RBI) in June 2023 ?
(a) Swaminathan Janakiraman
(b) Shaktikanta Das
(c) T. Rabi Sankar
(d) Mahesh Kumar Jain

Q.31. Which dance form originated in Andhra Pradesh ?
(a) Kuchipudi (b) Kathak
(c) Bharatnatyam (d) Sattriya

Q.32. Which of the following is correct regarding green revolution In India?
I. During green revolution, shifting from traditional farming to monoculture had negative effects on small farmers.
II. One of the impacts of green revolution is over-capitalization in Agriculture.
(a) Only II (b) Both I and II
(c) Neither I nor II (d) Only I

Q.33. In any tennis game, any game starts at 0-0 and the zero point in tennis is called _____.
(a) origin (b) start (c) love (d) base

Q.34. Match the following personalities with their associated musical instrument:
A) S. Balachander B) Anushka Shankar
C) Kishan Maharaj
1. Tabla 2. Veena 3. Sitar
(a) A-1, B-3, C-2 (b) A-2, B-1, C-3
(c) A-1, B-2, C-3 (d) A-2, B-3, C-1

Q.35. What is the basic unit of time?
(a) Second (s) (b) Minute/second (m/s)
(c) Minute(min.) (d) Hour(hr.)

Q.36. Which state cabinet has approved the 'Abua Awas Yojna', a housing scheme in October 2023 ?
(a) Bihar (b) Rajasthan
(c) Jharkhand (d) Assam

Q.37. How many members of the Rajya Sabha are elected indirectly and are representatives of States and Union Territories?
(a) 237 (b) 239 (c) 236 (d) 238

Q.38. Read the following statements about Money.
A. Money also acts as a convenient unit of account.
B. The value of all goods and services can be expressed in monetary units.
Identify the CORRECT statement /statements.
(a) Both A and B (b) Neither A nor B
(c) Only A (d) Only B

Q.39. Who was the founder of the Mauryan empire ?
(a) Mahapadma Nanda
(b) Bindusara
(c) Ashoka
(d) Chandragupta Maurya

Q.40. The adult literacy rate (15+) for male is _____against 59.3 of females in 2011
(a) 90 (b) 58.8 (c) 70.8 (d) 78.8

Quantitative Aptitude

Q.41. A person bought some pens at the rate of 20 for a rupee and sold them at the rate of 15 for a rupee. What is the profit percentage ?
(a) 35 percent (b) 15 percent
(c) 33.33 percent (d) 40 percent

Q.42. After giving 10 percent discount on an article there is still a profit of 10 percent. What will be the profit percentage when no discount is given?
(a) 35 percent (b) 33.33 percent
(c) 22.22 percent (d) 66.67 percent

Q.43. Manish alone can complete a work in 48 days and Pratap alone can complete the same work in half of the time taken by Manish. In how many days will both together complete $\frac{1}{4}$ part of the total work?
(a) 5 days (b) 4.5 days
(c) 6 days (d) 4 days

Q.44. The average of marks obtained by S1 and S2 is 35 more than the average of marks obtained by S2 and S3. If the marks obtained by S3 is 75, then what are the marks obtained by S1 ?
(a) 170 (b) 165 (c) 155 (d) 145

Q.45. On a sum, simple interest at the annual rate of 10 percent for 8 years is Rs. 8000. What will be the compound interest on the same sum at the annual rate of 10 percent (compounding annually) for 3 years ?
(a) Rs. 3450 (b) Rs. 3750
(c) Rs. 3220 (d) Rs. 3310

Q.46. The average age of 14 students of a class is 17 years. If a new student of age 32 years joins the class, then what will be the average age of these 15 students ?
(a) 21 years (b) 22 years
(c) 19 years (d) 18 years

Q.47. Simple interest on a sum for 5

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years is equal to 20 percent of the principal. In how many years interest will be equal to the principal ?
(a) 30 years (b) 40 years
(c) 25 years (d) 35 years

Q.48. A person bought an article and sold it at a loss of 20 percent. If he had bought it for 30 percent less price and sold it for Rs.125 more, then he would earn a profit of 50 percent. What is the cost price of the article
(a) Rs. 450 (b) Rs. 620
(c) Rs. 500 (d) Rs.600

Q.49. In a class, 40 percent are boys and the number of girls are 54. What is the number of boys in the class?
(a) 36 (b) 34 (c) 33 (d) 37

Q.50. X, Y and Z are three students. X got 40 percent more marks than Y and 20 percent less marks than Z. If Y got 480 marks, then what are the marks got by Z?
(a) 840 (b) 850 (c) 820 (d) 800

Q.51. How many spherical balls of radius 8 cm can be made by melting a hemisphere of radius 48 cm ?
(a) 90 (b) 116 (c) 104 (d) 108

Q.52. The sum of the three numbers is 123. If the ratio between the first and second is 3 : 4 and that between the second and third is 3 : 5, then find the second number
(a) 46 (b) 42 (c) 33 (d) 36

Q.53. What is the value of
$42 \times 3 + 25 \times 3 - 14 \div 7 \times 5$?
(a) 187 (b) 191 (c) 186 (d) 182

Q.54. What is the Highest Common Factor of 12, 8 and 24 ?
(a) 12 (b) 8 (c) 4 (d) 6

Q.55. For what value of M. 58524M is divisible by 9 ?
(a) 8 (b) 2 (c) 3 (d) 7

Q.56. The least number which is exactly divisible by 27, 36, 56, 12 and 10 ?
(a) 7560 (b) 8584 (c) 5953 (d) 7694

Q.57. The ratio of three numbers is 6 : 8 : 9. If the sum of the three numbers is 460, then what is the largest number among the three numbers ?
(a) 160 (b) 120 (c) 100 (d) 180

Q.58. A boat travels a distance of 54 km at uniform speed. If the speed of boat is increased by 3 km/hr, then it takes 3 hours less to cover the same distance. What is the original speed of the boat ?
(a) 3 km/hr (b) 12 km/hr
(c) 9 km/hr (d) 6 km/hr

Q.59. Marked price and selling price of an article are Rs. 7600 and Rs. 6688 respectively. What is the discount percentage ?
(a) 8 percent (b) 12 percent
(c) 10 percent (d) 16 percent

Q.60. Rakesh, Mahesh and Puneesh together can make a chair in 20 minutes. Rakesh and Mahesh together can make it in 25 minutes. How much time will Puneesh alone take to make that chair ?
(a) 95 minutes (b) 80 minutes
(c) 100 minutes (d) 110 minutes

English

Q.61. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The most significant near-term impacts on renewable plants that are already contracted or under construction may being felt through supply chains
(a) renewable plants that are already contracted or under
(b) The most significant near-term impacts on
(c) No error
(d) construction may being felt through supply chains.

Q.62. Select the incorrectly spelt word from the given sentence.
The primary goal of verbal comunication is to use language to convey information clearly and concisely.
(a) comunication (b) concisely
(c) convey (d) language

Q.63. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no error if there is no error in the sentence.
Her latest novel is considered one of the most captivating story/ in contemporary literature, earning praise/ for its intricate plot and well-developed characters.
(a) Her latest novel is considered one of the most captivating story
(b) for its intricate plot and well-developed characters.
(c) no error
(d) in contemporary literature, earning praise

Q.64. Select the sentence with no spelling errors.
(a) IIT-Roorkee has stated three main findengs in its report.
(b) IIT-Roorkee has stated three main findings in its report.
(c) IIT-Roorkee has statid three main findings in its report.
(d) IIT-Roorkee has stated three main findings in its repourt.

Q.65. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To make merry
(a) To find loopholes
(b) To get married
(c) To enjoy oneself
(d) To make excuses

Q.66. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Find out who is the <u>real actor</u>.
(a) real actors (b) real acting
(c) really actor (d) No improvement

Q.67. Select the most appropriate word to fill in the blank.
This is only a partial list of the books_____are needed in the library.
(a) that's (b) that (c) those (d) their

Q.68. Choose the word that is opposite in meaning to the given word.
Strong
(a) Quick (b) Lazy (c) Boring (d) Delicate

Q.69. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
It's no use **worrying about the past mishaps.**
(a) Spill the beans
(b) Crying over spilt milk
(c) Off on the wrong foot
(d) Back to the grind

Q.70. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To hit or miss the mark
(a) To succeed or fail in an attempt
(b) To speak a truth and lie at the same time
(c) To retain one's position no matter what
(d) To miss someone

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. The muscles on his chest and arms was not well defined.
(a) No error
(b) The muscles on
(c) his chest and arms
(d) was not well defined

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Q.72. Select the most appropriate antonym of the given word.
Capital
(a) Regular (b) Fundamental
(c) Principle (d) Extra

Q.73. Choose the most appropriate synonym of the underlined word.
We cannot always follow instructions exactly, sometimes we need to **incorporate** our own ideas.
(a) Exclude (b) Integrate
(c) Part (d) Separate

Q.74. Select the most appropriate option for the given blank.
Can you _____me a favour this last time?
(a) do (b) lend (c) make (d) have

Q.75. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The effect of the changes was unexpected.
(a) has unexpected (b) was unexpect
(c) were unexpected (d) No improvement

Cloze Test :
Direction :- [Q.76. to Q.80.]
This room was chill, because it (76)_____had a fire; it was silent, because (77)_____from the nursery and kitchen; solemn, (78)_____it was known to be so seldom entered. The (79)_____alone came here on Saturdays only, to wipe from the mirrors and the furniture a week's quiet dust; and Mrs. Reed (80)_____, at far intervals, visited it to review its contents.

Q.76. (a) seldom (b) usually
(c) frequently (d) often

Q.77. (a) remote (b) foreign
(c) strange (d) exclusive

Q.78. (a) however (b) perhaps
(c) because (d) as

Q.79. (a) electrician (b) doctor
(c) plumber (d) house-maid

Q.80. (a) oneself (b) ourselves
(c) themselves (d) herself

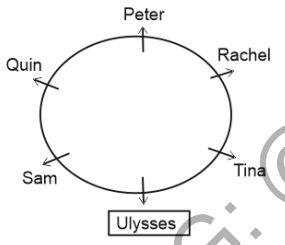
Answer Key :-

1.(b)	2.(d)	3.(a)	4.(a)
5.(b)	6.(c)	7.(b)	8.(a)
9.(b)	10.(d)	11.(a)	12.(d)
13.(c)	14.(b)	15.(c)	16.(c)
17.(d)	18.(a)	19.(c)	20.(b)

21.(d)	22.(a)	23.(a)	24.(c)
25.(a)	26.(d)	27.(b)	28.(d)
29.(c)	30.(a)	31.(a)	32.(b)
33.(c)	34.(d)	35.(a)	36.(c)
37.(d)	38.(a)	39.(d)	40.(d)
41.(c)	42.(c)	43.(d)	44.(d)
45.(d)	46.(d)	47.(c)	48.(c)
49.(a)	50.(a)	51.(d)	52.(d)
53.(b)	54.(c)	55.(c)	56.(a)
57.(d)	58.(d)	59.(b)	60.(c)
61.(d)	62.(a)	63.(a)	64.(b)
65.(c)	66.(d)	67.(b)	68.(d)
69.(b)	70.(a)	71.(d)	72.(d)
73.(b)	74.(a)	75.(d)	76.(a)
77.(a)	78.(c)	79.(d)	80.(d)

Solutions :-

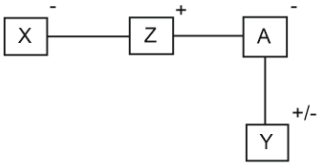
Sol.1.(b)



Clearly, we can see that Ulysses is the immediate right of Tina.

Sol.2.(d) The correct dictionary order is ;
Debar(3) → Debark(2) → Debate(1) → Debauch(4) → Debenture(5)

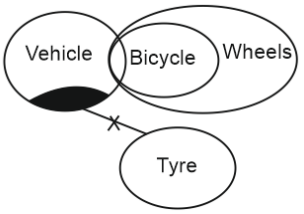
Sol.3.(a) Applying the direction given in this question , we have following family tree :



So, we can see that X is the sister of Y's mother.

Sol.4.(a) Logic : (Sum of the place value of letters) × 2
TEACH → (20 + 5 + 1 + 3 + 8) × 2
= 37 × 2 = 74
STUDY → (19 + 20 + 21+ 4 + 25) × 2
= 89 × 2 = 178
Similarly, NEVER → (14 + 5 + 22 + 5 + 18) × 2 = 64 × 2 = **128**

Sol.5.(b)



Clearly, we can conclude that Neither conclusion I nor II follows.

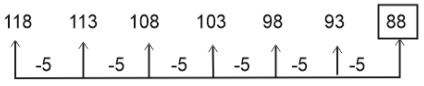
Sol.6.(c) Logic : (Sum of the place value of letters) - 3
LEAVE → (12 + 5 + 1 + 22 + 5) - 3
⇒ 45 - 3 = 42
TEAM → (20 + 5 + 1 + 13) - 3 ⇒ 39 - 3 = 36
Similarly, OFFER → (15 + 6 + 6 + 5 + 18) - 3 ⇒ 50 - 3 = **47**

Sol.7.(b)
Given : 62 + 12 - 42 ÷ 7 × 44 = 90
After going through all the options and Interchanging '×' , '-' . we get;
62 + 12 × 42 ÷ 7 – 44
62 + 72 - 44 = 90
Clearly, option (b) satisfies our answer.

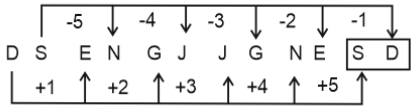
Sol.8.(a)



Sol.9.(b)



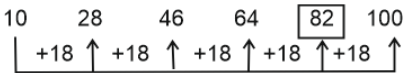
Sol.10.(d)



Sol.11.(a)



Sol.12.(d)



Sol.13.(c) Since, '5' is common on both dice . so moving clockwise from the common number on both dice. We get
7↔ 8 , 6 ↔ 9
Hence, the number opposite of 8 is '7' .

Sol.14.(b)

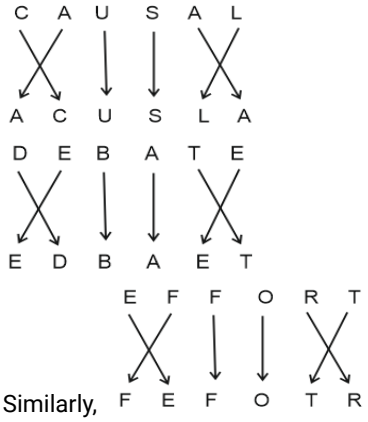


Sol.15.(c) After replacing M, N and O

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with +, + and ÷ respectively, we have ;
17 M 18 N 55 O 5 = 46
⇒ 17 + 18 + 55 ÷ 5 = 46
68 M 13 N 65 O 13 = 86
⇒ 68 + 13 + 65 ÷ 13 = 86
Similarly, 40 M 70 N 85 O 17
= 40 + 70 + 85 ÷ 17 = **115**

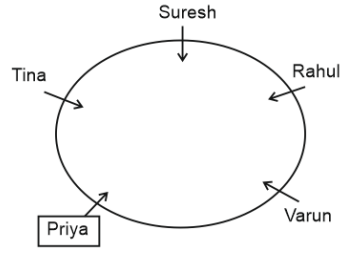
Sol.16.(c)



Similarly,

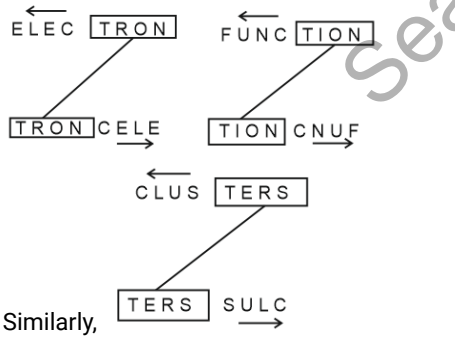
Sol.17.(d) gghhiijj / gghhiijj / gghhiijj / gghhiijj / gghhiijj / gghhiijj

Sol.18.(a)



Clearly, we can see that Priya is sitting second to the left of Rahul.

Sol.19.(c) Logic : First 4 letters are written in reverse order and next four letters are written as it is



Similarly,

Sol.20.(b) In figure I and II , 2 and 3 are common on both dice.
So, the opposite of 1 is 6.

Sol.21.(d) Cyclical unemployment - It occurs due to fluctuations in the overall economy. Disguised unemployment is unemployment with low productivity that does not affect aggregate output. Frictional unemployment is a form of unemployment reflecting the gap between someone voluntarily leaving a job and finding another. Seasonal unemployment is when people who work in seasonal jobs become unemployed when demand for labor decreases.

Sol.22.(a) The Manorama Thakkar Award. Rukmini Devi Arundale was a trailblazer in the world of Bharatanatyam. Uday Shankar was an Indian dancer and choreographer, best known for creating a fusion style of dance. The Nritya Choodamani Award is given to artists who have made outstanding contributions to their art form and society through their dedication and performances.

Sol.23.(a) 51-A (Part IV A). Fundamental duties were added into the Indian constitution by the 42nd constitutional amendment act, 1976. It was added on the recommendation of the Swaran Singh Committee. The 86th constitutional amendment act, 2002 added the 11th fundamental duty to the constitution.

Sol.24.(c) Only II. The I-League is the men's second-tier of the Indian football league system. Organising body - AIFF (All India Football Federation). I-League founded in - 2007. Punjab Football Club (formerly known as RoundGlass Punjab) is an Indian professional football club based in Mohali (Punjab). Mohammedan Sporting Club is an Indian football club based in Kolkata (West Bengal).

Sol.25.(a) Punjab and Baroda. The 2023–24 Syed Mushtaq Ali Trophy was the sixteenth edition of the Syed Mushtaq Ali Trophy, an annual Twenty20 tournament in India. Administrator - BCCI (Board of Control for Cricket in India). Player of the series - Abhishek Sharma, Most runs - Riyan Parag (510), Most wickets - Ravi Teja (19). Winner - Punjab.

Sol.26.(d) Meghalaya. The Nongkrem dance festival is celebrated during Autumn at Smit, the cultural centre of the Khasi Hills. It is a five day long religious festival of the Khasis. Other festivals of Meghalaya : Shad Suk Mynsiem, Behdienkhlam Festival, Shad Sukra, Wangala Festival, Strawberry Festival.

Sol.27.(b) 1782. Tipu Sultan (The Tiger of Mysore) was the ruler of the Kingdom of Mysore (Karnataka) which he inherited from his father Hyder Ali. He was a pioneer of rocket artillery. On the 4th of May 1799, Tipu Sultan was killed, fighting the British East India Company Army.

Sol.28.(d) Home Minister Amit Shah. The Bharatiya Nagarik Suraksha Sanhita (BNSS), is the main legislation on procedure for administration of substantive criminal law in India. The BNSS was approved by the President of India on December 25, 2023, and came into effect on July 1, 2024.

Sol.29.(c) Both I and II. The Tenth Five Year Plan of India (2002-2007) was an economic development plan formulated by the then Prime Minister Atal Bihari Vajpayee. The plan's salient features were to promote inclusive growth and equitable development. Target growth rate : 8%. Growth rate achieved: 7.6%.

Sol.30.(a) Swaminathan Janakiraman is an Indian career banker who served as the Managing Director State Bank of India from January 2021 until June 2023. The Reserve Bank of India (RBI), is India's central bank and regulatory body responsible for regulation of the Indian banking system. Established - 1 April 1935. Headquarters - Mumbai. Governor - Shaktikanta Das (As of August 2024).

Sol.31.(a) Kuchipudi is one of the eight major Indian classical dances. It originates from a village named Kuchipudi in Andhra Pradesh. List of Classical dances: Bharatanatyam (Tamil Nadu), Kathak (Uttar Pradesh), Kuchipudi (Andhra Pradesh), Odissi (Odisha), Kathakali (Kerala), Sattriya (Assam), Manipuri (Manipur), Mohiniyattam (Kerala).

Sol.32.(b) Both I and II. Green Revolution refers to the period of rapid agricultural development in the 1960s and 1970s, which aimed to increase food production through the use of high-yielding crop varieties, chemical fertilizers, and pesticides. Positive Effects: Increase in food production, reduced food prices, improved food security in India, new job opportunities and increased rural income.

Sol.33.(c) love. The word Love (for zero score) comes from the French word l'oeuf – which means egg which is in the shape of zero. Common tennis terms: ACE, Backhand, Advantage, Deuce, Double fault, Forehand, Alley, Baseline, Break Point, Fault, Serve, Drop Shot.

Sol.34.(d) A-2, B-3, C-1. Musical instruments and their exponents: Tabla - Zakir Hussain, Ahmed Jan Thirakwa, Swapan Chaudhuri, Anindo Chatterjee, Alla Rakha. Veena - Rajhesh Vaidhya, Jayanthi Kumaresh, Veena E. Gayathri,

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Nageswara Rao. Sitar - Ravi Shankar, Anoushka Shankar, Vilayat Khan, Shahid Parvez, Nikhil Banerjee.

Sol.35.(a) Second (s). Fundamental units are those that are independent of other variables, such as Length – Metre (m), Mass – Kilogram (kg), Time – Second (s), Temperature – Kelvin (K), Electric current – Ampere (A), Luminous Intensity – Candela (cd), and Amount of a substance – Mole (mol).

Sol.36.(c) Jharkhand. Abua Awas Yojna - Under this scheme, financial assistance of ₹ 2,00,000 will be provided by the government to build a permanent house. Ministry - Jharkhand Rural Development Department (Government of Jharkhand).

Sol.37.(d) 238. Article 80 of the Constitution lays down the maximum strength of Rajya Sabha (Upper House of the Parliament) as 250, out of which 12 members (chosen from fields such as literature, science, art, and social service) are nominated by the President. The Vice President of India is the ex-officio Chairman of the Rajya Sabha.

Sol.38.(a) Both A and B. The first and foremost role of money is that it acts as a medium of exchange. Economic exchanges without the mediation of money are referred to as barter exchanges. A barter system refers to a system in which goods are exchanged for other goods.

Sol.39.(d) Chandragupta Maurya established the Mauryan dynasty in Magadha in 322 BCE with the help of Chanakya. Its capital was Pataliputra. He left the throne in favour of his son Bindusara and travelled to Karnataka (Shravanabelagola) with Bhadrabahu (a Jain monk).

Sol.40.(d) 78.8 . The Adult literacy rate is the percentage of people aged 15 and above who can both read and write with understanding a short simple statement about their everyday life. According to the data of Census 2011, the Indian population amounts to 121 crore which is 17.5% of the world's population.

Sol.41.(c)

CP : SP = $\frac{1}{20} : \frac{1}{15}$ = 15 : 20 = 3 : 4

Required profit% = $\frac{4-3}{3} \times 100$

= $\frac{1}{3} \times 100 = 33.33\%$

Sol.42.(c)

As we know, $\frac{MP}{CP} = \frac{(100 + profit\%)}{(100 - Discount\%)}$

$\frac{MP}{CP} = \frac{110}{90} = \frac{11}{9}$

If there is no discount given on the article then, MP = SP

$\Rightarrow \frac{SP}{CP} = \frac{11}{9}$

Required profit% = $\frac{11-9}{9} \times 100$

= $\frac{2}{9} \times 100 = 22.22\%$

Sol.43.(d) Time $\propto \frac{1}{efficiency}$ (if work is same)

	Pratap		Manish
Time	1	:	2
Efficiency	2	:	1

Total work = 1 × 48 = 48 unit

Time taken by both together to complete $\frac{1}{4}$ part of the total work = $\frac{\frac{48}{4}}{2+1} = \frac{12}{3}$

= 4 days

Sol.44.(d) ATQ, $\frac{S1+S2}{2} = \frac{S2+S3}{2} + 35$

S1 + S2 = S2 + S3 + 70

S1 = S3 + 70

S1 = 75 + 70 = 145

Sol.45.(d) Let principal be 100%

8 × 10% = 80% ---------- ₹8000

100% ---------- $\frac{8000}{80} \times 100$ = ₹10,000

Time = 3 yrs, rate = 10% = $\frac{1}{10}$

Principal		Amount
10	:	11
10	:	11
10	:	11
1000	:	1331

CI = 1331 - 1000 = 331 unit

Now, 1000 unit ---------- ₹10,000

Then, 331 unit ---------- $\frac{10,000}{1000} \times 331$

= ₹3310

Sol.46.(d) Average age of 15 students

= 17 + $\frac{(32-17)}{15}$ = 17 + $\frac{15}{15}$ = 17 + 1

= 18 yrs

Sol.47.(c) Let principal be ₹100

100 × 20% = ₹20 = SI for 5 yrs

100 ₹ = $\frac{5}{20} \times 100$ = 25 yrs

Sol.48.(c)

Let original CP of an article be 100 unit

Then, original SP of the article

= 100 × 80% = 80 unit

New CP = 100 × 70% = 70 unit

New SP = 70 × 150% = 105 unit

ATQ, 105 - 80 = 25 unit = ₹125

Then, 100 unit = $\frac{125}{25} \times 100$ = ₹500

Sol.49.(a) Ratio of no of boys and girls = 40 : 60 = 2 : 3

No of boys in the class = $\frac{54}{3} \times 2 = 36$

Sol.50.(a)

X		Y	Z	
7	:	5	) × 4	= 28 : 20
4	:		: 5) × 7	= 28 : 35

28 : 20 : 35

ATQ,20 unit ---------- 480

35 unit ---------- $\frac{480}{20} \times 35 = 840$

Sol.51.(d)

Let the no of spherical balls be 'n'

ATQ,

Volume of hemisphere = n × Volume of sphere

$\frac{2}{3} \pi \times 48^3 = n \times \frac{4}{3} \pi \times 8^3$

n = $\frac{48 \times 48 \times 48}{8 \times 8 \times 8 \times 2} = 108$

Sol.52.(d)

Balancing the given ratio, we have ;

I		II		III
3	:	4	:	**4**
3	:	3	:	5
9	:	12	:	20

Now, 9 + 12 + 20 = 41 unit ---------- 123

Therefore , 12 unit ---------- $\frac{123}{41} \times 12 = 36$

Sol.53.(b) 42 × 3 + 25 × 3 - 14 ÷ 7 × 5

126 + 75 - 10 = 191

Sol.54.(c) As we know, HCF of two no's is either the difference of any two no's or factor of the difference which completely divides the given numbers.

24 - 12 = 12. but 4 which is a factor of 12, completely divides the given no's.

HCF(12, 8 ,24) = 4

Sol.55.(c) For **58524M** to be divisible by 9, the sum of its digits i.e. 5 + 8 + 5 + 2 + 4 + M = (24 + M) should be divisible by 9.

⇒ M = 3 As 24 + 3 = 27, divisible by 9

Sol.56.(a)

Least no = LCM of (27, 36, 56, 12, 10)

= $3^3 \times 2^3 \times 7 \times 5 = 7560$

Sol.57.(d) Let the three numbers are $6x$, $8x$ and $9x$ respectively

$6x + 8x + 9x = 460$

$23x = 460 \Rightarrow x = 20$

So, the largest number = $9x = 9 \times 20$

= 180

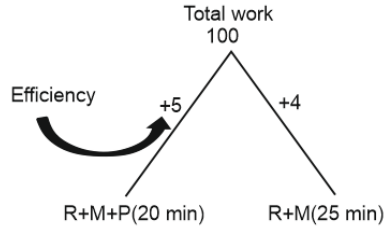
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Sol.58.(d)
Let the original speed of the boat be 'S'
ATQ,
$\frac{54}{x} - \frac{54}{x+3} = 3$
$\frac{x+3-x}{x(x+3)} = \frac{3}{54} = \frac{1}{18}$
$\frac{3}{x^2+3x} = \frac{1}{18}$
$x^2 + 3x - 54 = 0$
$\Rightarrow x = -9$ or 6
Speed cannot be negative
So, original speed of the boat = 6 km/hr

Sol.59.(b)
MP : SP = 7600 : 6688 = 25 : 22
Discount % = $\frac{25-22}{25} \times 100$
$= \frac{3}{25} \times 100 = 12\%$

Sol.60.(c)



Efficiency of Puneesh = 5 - 4 = 1 unit
Time taken by Puneesh alone to complete the work = $\frac{100}{1}$ = 100 minutes

Sol.61.(d) construction may being felt through supply chains
'May be + V_3' is the correct passive form. Therefore, 'being' must be replaced with 'be'. Hence, "construction may be felt through supply chains" is the most appropriate answer.

Sol.62.(a) comunication
'Communication' is the correct spelling.

Sol.63.(a) Her latest novel is considered one of the most captivating story
'Story' must be replaced with 'stories'. "One of the + Superlative degree adjective + Plural Noun" is grammatically the correct structure. Hence, 'Her latest novel is considered one of the most captivating stories' is the most appropriate answer.

Sol.64.(b) IIT-Roorkee has stated three main findings in its report.
'Stated', 'findings' and 'report' are the correct spellings.

Sol.65.(c) To make merry - to enjoy oneself
E.g.- At the party, everyone made merry with music and dancing.

Sol.66.(d) No improvement
The given sentence is grammatically correct.

Sol.67.(b) that
Relative pronoun 'that' is used for things. Hence, 'that' is the most appropriate answer.

Sol.68.(d) Delicate- easily broken or damaged.
Strong- having physical power or strength.
Quick- moving or operating with speed.
Lazy- unwilling to work or put in effort.
Boring- not interesting.

Sol.69.(b) Crying over spilt milk- worrying about the past mishaps.

Sol.70.(a) To hit or miss the mark- to succeed or fail in an attempt
E.g.- The team tried their best to achieve their goal without worrying about whether they will hit or miss the mark.

Sol.71.(d) was not well defined
'The muscles' is a plural subject that will take 'were' as a plural verb. Hence, 'were not well defined' is the most appropriate answer.

Sol.72.(d) Extra- not essential.
Capital- the most important place for a particular business or activity.
Regular- occurring at fixed intervals.
Fundamental- forming a necessary base or core.
Principle- a basic idea or rule that explains or controls how something happens or works.

Sol.73.(b) Integrate- to combine two or more thighs to make something more effective.
Incorporate- to include something as part of something larger.
Exclude- to leave out or not include something or someone.
Separate- to divide or keep apart.

Sol.74.(a) do
The phrase 'do someone a favour' is used to ask a person to do a kind and helpful act for someone. Hence, 'me' is the most appropriate answer.

Sol.75.(d) No improvement
The given sentence is grammatically correct.

Sol.76.(a) seldom
'Seldom' is used when something rarely happens. The given passage states that the room was chill. This is possible only if the room rarely had a fire. Hence, 'seldom' is the most appropriate answer.

Sol.77.(a) remote
'Remote' means far away in distance. The given passage states that the room was silent because it was remote from the nursery and kitchen. Hence, 'remote' is the most appropriate answer.

Sol.78.(c) because
By reading backwards, we can see that the passage is describing a state of the room(chill, silent) along with a reason by using the conjunction 'because'. Similarly, 'solemn' is a state of the room and 'because' will be used to state the reason. Hence, 'because' is the most appropriate answer.

Sol.79.(d) house-maid
'House-maid' is a woman servant whose job is to clean a house. The given passage states that the house-maid alone came here on Saturdays only, to wipe from the mirrors and the furniture a week's quiet dust. Hence, 'house-maid' is the most appropriate answer.

Sol.80.(d) herself
'Herself' is an emphatic pronoun used for a female. Here, it has been used for Mrs. Reed. Hence, 'herself' is the most appropriate answer.

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SSC GD Constable 22/02/2024 (3rd Shift)

Reasoning

Q.1. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
w_xxyywwx_yywwxxyyww_xyywwxx_y
(a) WWXX (b) WXXY
(c) WWXY (d) WXWX

Q.2. Arrange the given words in the sequence in which they occur in the dictionary.
1. Clamber 2. Clam 3. Claim
4. Clag 5. Clad
(a) 1, 2, 3, 4, 5 (b) 5, 4, 3, 2, 1
(c) 1, 2, 3, 5, 4 (d) 5, 4, 3, 1, 2

Q.3. Six boys Sumit, Gopal, Honey, Ishaan,Jatin and Lalit are sitting around a circular table facing towards the centre. Ishaan is the third to the left of Sumit. Jatin and Honey are the immediate neighbours of Ishaan. Lalit is to the immediate right of Jatin. Who is sitting to the immediate left of Ishaan?
(a) Honey (b) Jatin (c) Gopal (d) Lalit

Q.4. Six friends Lisa, Mark, Nicole, Owen, Pam, and Quinn are sitting around a circular table facing away from the center. Lisa is sitting to the immediate right of Mark. Quinn sits exactly between Nicole and Owen. Owen sits to the immediate left of Pam. Who sits to the immediate right of Pam?
(a) Lisa (b) Mark (c) Quinn (d) Owen

Q.5. In a certain code language, "FACTS" is coded as '40827', 'FOCUS' is coded as '29741', 'FAME' is coded as "5876".
What is the code for "T' in that code language?
(a) 8 (b) 4 (c) 2 (d) 0

Q.6. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.7. Arrange the given words in the sequence in which they occur in the dictionary.
1. Example 2. Examine 3. Examination
4. Exact 5. Exactly
(a) 1, 5, 4, 3, 2 (b) 4, 5, 3, 1, 2
(c) 4, 5, 3, 2, 1 (d) 5, 1, 4, 3, 2

Q.8. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements :
I. Some table are white.
II. No road is white.
Conclusions :
I. No white is road.
II. No road is table.
III. No white is table
(a) All conclusion follows
(b) Both conclusions II and III follows
(c) Neither conclusion follows
(d) Only conclusion I follows

Q.9. Which two signs should be interchanged to make the given equation correct?
26 + 2 ÷ 4 - 8 × 25 = 30
(a) × and - (b) + and ÷
(c) × and + (d) × and ÷

Q.10. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is not allowed)

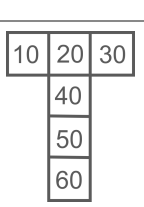


(a) 
(b) 
(c) 
(d) 

Q.11. In a certain code language, 'STAT" is coded as "PPXP". What is the code for 'VOID' in that code language?
(a) SKGY (b) SKFZ (c) SKEZ (d) SJFZ

Q.12. If 28 A 49 B 77 C 11 = -14 and 30 A 50 B 88 C 22 = -16, then 85 A 15 B 40 C 8 = ?
(a) 84 (b) 75 (c) 70 (d) 80

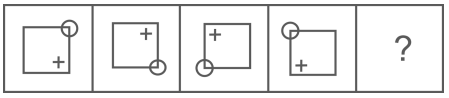
Q.13. On folding the given dice, which number will be opposite to the number '20' ?

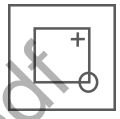
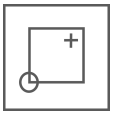


(a) 50 (b) 40 (c) 60 (d) 30

Q.14. In the following question, select the missing number from the given series.
6, 23, 93, 371, 1485, ?
(a) 5999 (b) 5939 (c) 5980 (d) 5940

Q.15. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

Q.16. Which of the following numbers will replace the question mark (?) in the given series?
103, 108, 112, 117, 121, 126, ?
(a) 138 (b) 127 (c) 130 (d) 147

Q.17. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AC, FN, KY, PJ,?
(a) MQ (b) UU (c) UW (d) MR

Q.18. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word,
Individual: Group :: Partial: Complete :: Vacant: ?
(a) Occupied (b) Free
(c) Available (d) Empty

Q.19. Three positions of a dice are given below. What will come on the face opposite to the face containing 'F' on it?



(a) M (b) I (c) N (d) P

Q.20. Pointing to a man, Karishma said, "He is the husband of only daughter of the father of my brother."
How is that man related to Karishma?
(a) Son (b) Husband
(c) wife's father (d) Brother

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General Awareness

Q.21. Which of the following Indian states has less sex ratio then combined sex ratio of India, according to 2011 census of India?
(a) Gujarat (b) Uttarakhand
(c) Jharkhand (d) Assam

Q.22. Which of the following is an example of constitutional bodies in India
(a) National Human Rights Commission
(b) Food Corporation of India
(c) Law Commission of India
(d) The Election Commission of India

Q.23. In July 2023, Aadhav Arjuna was elected as president of the _____ Federation of India.
(a) Badminton (b) Volleyball
(c) Baseball (d) Basketball

Q.24. The term 'Green Revolution' refers to the new agricultural technology developed during the 1950s and 1960s by a team of agricultural experts at the International Centre for Maize and Wheat Improvement in Mexico and at the International Rice Research Institute (IRRI) in _____.
(a) Philippines (b) Mexico
(c) India (d) New York

Q.25. According to census of India 2011, Least Literate State of India among the given option is:
(a) Himachal Pradesh
(b) Bihar
(c) Assam
(d) Arunachal Pradesh

Q.26. The Indian Parliament comprises of the _____.
(a) President and the two Houses
(b) The two Houses only
(c) President and Prime Minister only
(d) Legislature, Executive and Judiciary

Q.27. Which of the following pair of sports persons-sports associated with is correct?
I. Smriti Mandhana - Hockey
II. Jyothi Yarraji - Cricket
(a) Only I (b) Only II
(c) Neither I nor II (d) Both I and II

Q.28. What is the central theme of Poshan Pakhwada 2023, organized by the Ministry of Women and Child Development?
(a) Increasing imports of millet
(b) Environmental sustainability initiatives
(c) Women's empowerment in rural areas
(d) Millet-based foods for nutritional security

Q.29. Which iconic Indian classical vocalist, often known as the "Mewati Maestro," is celebrated for his mastery of khayal singing and his innovative approach to ragas?
(a) Pandit Jasraj
(b) Hariprasad Chaurasia
(c) Zakir Hussain
(d) Bismillah Khan

Q.30. Read the following about Deficit reduction.
A. Government deficit can be reduced by an increase in taxes or reduction in expenditure.
B. In India, the government has been trying to increase tax revenue with greater reliance on direct taxes (indirect taxes are regressive in nature - they impact all income groups equally).
Identify the CORRECT statement / statements
(a) Neither A nor B (b) Only A
(c) Both A and B (d) Only B

Q.31. The "Thrissur Pooram" is a famous temple festival celebrated in which Indian state, known for its elaborate processions and fireworks displays?
(a) Tamil Nadu (b) Orissa
(c) Kerala (d) Karnataka

Q.32. Read the following about Capital receipts.
A. All those receipts of the government which create liability or reduce financial assets are termed as capital receipts.
B. The main items of capital receipts are loans raised by the government from the public which are called market borrowings, borrowing by the government from the Reserve Bank and commercial banks and other financial institutions through the sale of treasury bills, loans received from foreign governments and international organisations, and recoveries of loans granted by the central government.
Identify the CORRECT statement / statements
(a) Only B (b) Only A
(c) Neither A nor B (d) Both A and B

Q.33. How many triads were mentioned in Dobereiner's Triads?
(a) Eight (b) Two (c) Six (d) Four

Q.34. Name the famous hockey player after which there is a stadium built in New Delhi.
(a) Dhanraj Pillay (b) Sardar Singh
(c) Major Dhyan Chand (d) Balbir Singh

Q.35. Giddha dance is mainly related to:
(a) Punjab (b) Bihar
(c) Gujarat (d) West Bengal

Q.36. Who is known as the "Father of the Indian Renaissance" and played a pivotal role in the Bengal Renaissance movement?
(a) Bankim Chandra Chattopadhyay
(b) Ishwar Chandra Vidyasagar
(c) Raja Ram Mohan Roy
(d) Rabindranath Tagore

Q.37. The city of _____ was located on Khadir Beyt (also spelled as Bet) in the Rann of Kutch, where there was fresh water and fertile soil.
(a) Lothal (b) Dholavira
(c) Harappa (d) Mohenjodaro

Q.38. As on July 2023, India's External Affairs Minister S. Jaishankar filed his nomination papers for the Rajya Sabha elections from which state?
(a) Uttar Pradesh (b) Gujarat
(c) Maharashtra (d) Haryana

Q.39. Which dance form from Karnataka involves large drums hung around the necks of men and is known for its religious and battle fervour?
(a) Ghodemodni (b) Kummi
(c) Dandiya (d) Dollu Kunitha

Q.40. Which of the following sports is played by Mouma Das?
(a) Table Tennis (b) Hockey
(c) Cricket (d) Badminton

Quantitative Aptitude

Q.41. A sum of Rs. 15,000 invested at compound interest (compounding annually) at the rate of 12% per annum for 2 years. Find the compound interest.
(a) Rs. 4024 (b) Rs. 3668
(c) Rs. 4124 (d) Rs. 3816

Q.42. Average of 12 numbers is 60. If 12 is subtracted from the first five numbers and 10 is added in the next seven numbers, then what will be the new average?
(a) 59.25 (b) 60.83 (c) 59.75 (d) 61.83

Q.43. If 35 percent of P = 60 percent of Q and Q is (z/3) percent of P, then what is the value of z?
(a) 175 (b) 165 (c) 155 (d) 185

Q.44. What is the value of $\frac{0.5\div(0.5\times0.5)}{(0.5\div0.5)\times0.5}$?
(a) 4 (b) 0.4 (c) 0.2 (d) 2

Q.45. What is the value of 49 × 4 ÷ 28 +

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56 ÷ 7 × 8 - 784 ÷ 28 + 14 × 2 ?
(a) 71 (b) 89 (c) 101 (d) 127

Q.46. The average age of 19 students of a class is 22 years. If a new student of age 42 years joins the class, then what will be the average age of these 20 students?
(a) 28 years (b) 24 years
(c) 26 years (d) 23 years

Q.47. Dinesh alone can do a work in 96 hours. Dinesh and Rahul together can do the same work in 48 hours. Rahul and Tarun together can do the same work in 16 hours. In how many hours can Tarun alone do the same work?
(a) 28 hours (b) 19.2 hours
(c) 30 hours (d) 20 hours

Q.48. After a discount of 28 percent an article is sold for Rs.1008. What is the marked price of the article?
(a) Rs.1450 (b) Rs.1400
(c) Rs.1305 (d) Rs.1350

Q.49. A car left 42 minutes early than the scheduled time but in order to reach its destination 210 km away in time, it had to slow its usual speed by 10 km/hr. What is the usual speed of the car?
(a) 50 km/hr (b) 60 km/hr
(c) 40 km/hr (d) 30 km/hr

Q.50. While selling a bag for Rs. 5688, a person suffered a loss of 10 percent. At what price he should have sold the bag to earn a profit of 20 percent?
(a) Rs. 7854 (b) Rs. 7216
(c) Rs. 7584 (d) Rs. 6816

Q.51. If P percent of P is 225, then what is the value of P^2?
(a) 20050 (b) 20500
(c) 22500 (d) 22550

Q.52. In a mixture of 110 litre the ratio of water and milk is 4 : 7 respectively. How much water must be added to make the ratio of water and milk as 8 : 7 respectively ?
(a) 30 litre (b) 20 litre
(c) 40 litre (d) 10 litre

Q.53. A merchant marks the price of his article 50 percent above the cost price. If he allows a 20 percent discount, then what is the profit or loss percentage?
(a) 20 percent profit (b) 40 percent loss
(c) 30 percent profit (d) 10 percent loss

Q.54. If an article is sold at a loss of 20 percent, then what is the respective ratio of cost price and selling price of the article?
(a) 7 : 4 (b) 4 : 5 (c) 5 : 4 (d) 7 : 8

Q.55. 22 men can make a wall in 2 days. How many men are required to complete the same work in half a day?
(a) 72 (b) 88 (c) 90 (d) 80

Q.56. If 4T = 5U, then what is the value of $\frac{(T+U)}{T}$?
(a) $\frac{9}{5}$ (b) $\frac{4}{9}$ (c) $\frac{5}{4}$ (d) $\frac{7}{4}$

Q.57. What is the value of 13 × 12 + 12 × 11 - 14 × 15 - 9 × 13 + 19 × 15 ?
(a) 346 (b) 146 (c) 246 (d) 546

Q.58. Find the sides of an equilateral triangle whose area is $16\sqrt{3}$ cm².
(a) 4 cm (b) 12 cm (c) 6 cm (d) 8 cm

Q.59. A certain sum of money becomes 3.5 times of itself in 14 years at a rate of simple interest. In 28 years, that amount will become how many times of itself at the same rate of simple interest?
(a) 8 (b) 4 (c) 6 (d) 10

Q.60. What is the value of 4500 ÷ 9 + 1800 × 2 - 310 × 7 ?
(a) 1941 (b) 1935 (c) 1930 (d) 1825

English

Q.61. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'. I am sure my mother has something that you shall wear in the evening.
(a) No error
(b) shall wear in the evening
(c) has something that you
(d) I am sure my mother

Q.62. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required if the sentence is correct as given.
It grew colder and colder still, and fine, (powdery snow began to fall), so that soon we and all around us were covered with a white blanket
(a) powdery snow begun on fall
(b) powdery snow has began to fall
(c) No correction required
(d) powdery snow has been began to fall

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose "No error". Drink plenty of water and contact your doctor for any worsening symptoms.
(a) No error
(b) for any worsening symptoms
(c) and contact your doctor
(d) Drink plenty of water

Q.64. Choose the most appropriate synonym of the underlined word.
I have known you for a long time, and possess the most **circumstantial** details about the plans you were devising
(a) Coincidental (b) Certain
(c) Credible (d) Direct

Q.65. Choose the word that is opposite in meaning to the given word.
Arrest
(a) Stall (b) Standstill
(c) Detain (d) Unbind

Q.66. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To pick somebody's pocket
(a) To make a very difficult choice
(b) To steal something from the pocket
(c) To choose wisely
(d) To cry for financial help

Q.67. Choose the word that is opposite in meaning to the given word.
Apart
(a) Nearby (b) Contaminated
(c) Contagious (d) Huge

Q.68. Choose the option which is antonym of (opposite of) the word "frugal" in the sentence given below:
Her generous donation to the charity made a significant impact on the lives of those in need.
(a) generous (b) impact
(c) charity (d) significant

Q.69. Select the sentence with no spelling errors.
(a) From his childhood, onesty and morality were his darling attributes.
(b) From his childhood, honesty and morality were his darling atributes.
(c) From his childhood, honesty and morality were his darling attributes.
(d) From his childhood, honesty and morallity were his darling attributes.

Q.70. Choose the correct word to complete the sentence:
Navigating through the dense forest, the hikers encountered _____terrain, making the trek more challenging adventurous.
(a) predictable (b) monotonous
(c) tranquil (d) treacherous

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.

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Neha's handwriting is more clearer than Varun's.
(a) than Varun's (b) No error
(c) is more clearer (d) Neha's handwriting

Q.72. Select the most appropriate word to fill in the blank.
He _____ any food until he finishes his homework.
(a) will not get (b) has not get
(c) gets not (d) gotten

Q.73. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
(I were the only one that) could swim, so I made a dash for it.
(a) I was that only one whom
(b) No correction required
(c) I were the only one whom
(d) I was the only one that

Q.74. Select the incorrectly spelt word from the given sentence.
The patient was conscious after the surgary.
(a) patient (b) conscious
(c) after (d) surgary

Q.75. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
The automobile industry is **the source of livelihood** of many people of Manesar.
(a) In the same boat
(b) Bread and butter.
(c) Through thick and thin
(d) Go down the drain

Cloze Test :
Direction :- [Q.76. to Q.80.]
As we enter a more permanent (76) _____of hybrid work for desk-based employees, it's time to find equitable flexibility for frontline (77)_____ like those in manufacturing and healthcare. According to the 2022 Gartner Frontline Worker Experience Reinvented Survey, 58% of organizations (78)_____ employ frontline workers have invested in (79) _____their employee experience in the past year. About a third of those who haven't done so (80)_____ to do so in the next 12 months.

Q.76. (a) line (b) era (c) saga (d) spell

Q.77. (a) chasers (b) workers
(c) bosses (d) personal

Q.78. (a) who (b) whom
(c) whose (d) that

Q.79. (a) regressing (b) improving
(c) articulating (d) approaching

Q.80. (a) intend (b) pose
(c) pretend (d) enact

Answer Key :-

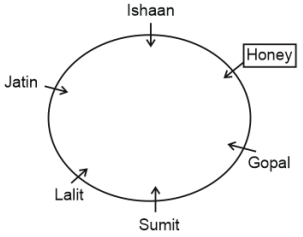
1.(b)	2.(b)	3.(a)	4.(b)
5.(d)	6.(d)	7.(c)	8.(d)
9.(c)	10.(d)	11.(b)	12.(b)
13.(a)	14.(b)	15.(c)	16.(c)
17.(b)	18.(a)	19.(a)	20.(b)
21.(a)	22.(d)	23.(d)	24.(a)
25.(b)	26.(a)	27.(c)	28.(d)
29.(a)	30.(c)	31.(c)	32.(d)
33.(d)	34.(c)	35.(a)	36.(c)
37.(b)	38.(b)	39.(d)	40.(a)
41.(d)	42.(b)	43.(a)	44.(a)
45.(a)	46.(d)	47.(b)	48.(b)
49.(b)	50.(c)	51.(c)	52.(c)
53.(a)	54.(c)	55.(b)	56.(a)
57.(c)	58.(d)	59.(c)	60.(c)
61.(b)	62.(c)	63.(a)	64.(a)
65.(d)	66.(b)	67.(a)	68.(a)
69.(c)	70.(d)	71.(c)	72.(a)
73.(d)	74.(d)	75.(b)	76.(b)
77.(b)	78.(d)	79.(b)	80.(a)

Solutions :-

Sol.1.(b) w**w**xxyy / wwx**x**yy / wwxxyy / ww**x**xyy / wwxx**y**y

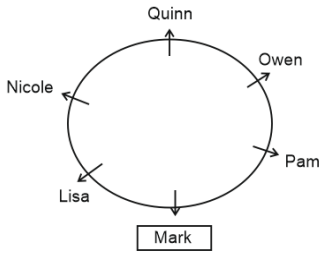
Sol.2.(b) Correct dictionary order is :
Clad(5) → Clag(4) → Claim(3) → Clam(2) → Clamber(1)

Sol.3.(a)



Clearly, we can see that Honey is sitting to the immediate left of Ishaan.

Sol.4.(b)



Clearly, we can see that Mark sits to the immediate right of Pam.

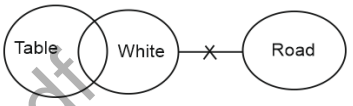
Sol.5.(d) In 'FACTS' except T , all words have appeared in words 'FOCUS' and 'FAME'. In the number code all numbers have appeared except 0. So, clearly the code of T is 0.

Sol.6.(d)



Sol.7.(c) Correct dictionary order is :
Exact(4) → Exactly(5) → Examination(3) → Examine(2) → Example(1)

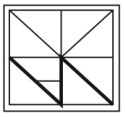
Sol.8.(d)



Clearly, we can see that Only conclusion I follows .

Sol.9.(c) Given : 26 + 2 ÷ 4 - 8 × 25 = 30
After going through all the options, option (b) satisfied the given condition.
LHS = 26 × 2 ÷ 4 - 8 + 25
= 13 - 8 + 25 = 30 = RHS

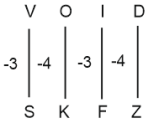
Sol.10.(d)



Sol.11.(b)

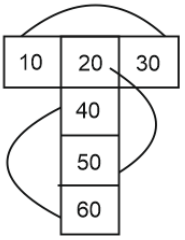


Similarly,



Sol.12.(b) After replacing A, B and C with '-', '+', '÷ 'respectively . we get ;
28 A 49 B 77 C 11 = -14
⇒ 28 - 49 + 77 ÷ 11 = -14
30 A 50 B 88 C 22 = -16
⇒ 30 - 50 + 88 ÷ 22 = -16
85 A 15 B 40 C 8 ⇒ 85 - 15 + 40 ÷ 8 = 75

Sol.13.(a)

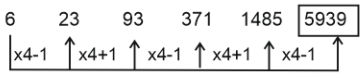


Here opposite pairs are ; 20↔50, 40↔60, 10 ↔ 30
So, option (a) is the correct answer.

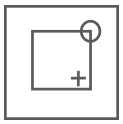
Sol.14.(b)

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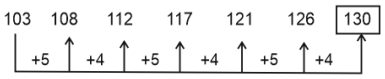
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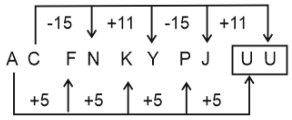
Sol.15.(c)



Sol.16.(c)



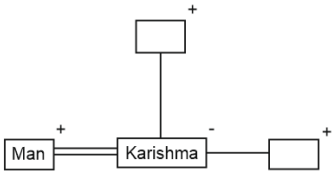
Sol.17.(b)



Sol.18.(a) In "Individual: Group", Group is the antonym of Individual. In "Partial: Complete", Complete is the antonym of Partial . Similarly, the antonym of Vacant is Occupied.
So, the correct pair is **Vacant : Occupied.**

Sol.19.(a) In figure II and III, P is common on both dice. So, moving clockwise from common letter 'P' . we get ; (F, M) is the opposite pair.
So, the face opposite to the face containing 'F' is M.

Sol.20.(b) Applying the direction given in this question, we have following family tree :



Clearly, we can see that Man is the husband of Karishma.

Sol.21.(a) Gujarat (sex ratio 919). Census 2011: The sex ratio (number of females per 1000 males) of India - 943. The sex ratio was highest in Kerala (1084) followed by Puducherry (1037) and lowest in Daman & Diu (618) followed by Dadar & Nagar Haveli (774) and then Chandigarh (818).

Sol.22.(d) The Election Commission of India (ECI). The ECI (Part XV, Article 324) was established on 25th January 1950. A Constitutional body in India is established by the Constitution. Other Constitutional Bodies - Union Public Service Commission, Finance Commission, National Commission for Scheduled Castes, National Commission for Scheduled Tribes, National Commission for Backward Classes, Special Officer for Linguistic MinoritieS, Comptroller and Auditor General of India, Attorney General of India.

Sol.23.(d) Basketball. The Basketball Federation of India (BFI) is the governing and controlling body of basketball in India. First national level tournaments were organized in India in 1934. The India national basketball team became a member of FIBA (International Basketball Federation) in 1936. The BFI was formed in 1950. Headquarters - New Delhi.

Sol.24.(a) Philippines. Father of the Green Revolution in the World - Dr. Norman Borlaug. The technology involved the use of high yielding variety (HYV) seeds and adoption of a package of modern agricultural inputs, tools and practices. The term 'green revolution', was coined by Dr. William Gaud.

Sol.25.(b) Bihar. As per census 2011 the literacy rate of Bihar is 61.80 percent (Male - 71.20 %, Female - 51.50 %), Sex Ratio (918), Population Density/km^2 (1106). Other states with low literacy rates are Arunachal Pradesh (65.38%), Rajasthan (66.11%), Jharkhand (66.41%).

Sol.26.(a) President and the two Houses. The first elected Parliament (Articles 79 to 122 in Part V) came into existence in April, 1952. The President of India, while an integral part of Parliament, is not a member and does not attend Parliamentary meetings.

Sol.27.(c) Neither I nor II. Smriti Mandhana won the Arjuna Award for Cricket in 2018. Jyothi Yarraji (Athletics) won a silver medal in the 2022 Asian Games, and Gold medal in 2024 Asian Indoor Athletics Championships.

Sol.28.(d) Millet - based foods for nutritional security. 2023 - The International Year of Millets. The fifth Poshan Pakhwada Promoting and popularizing Shree Anna (the mother of all grains). Jowar, Bajra and Ragi are the important millets grown in India.

Sol.29.(a) Pandit Jasraj. His Awards: Sangeet Natak Akademi Award (1987) , Padma Bhushan (1990), Padma Vibhushan (2000), Swathi Sangeetha Puraskaram (2008). Other Maestro - Hariprasad Chaurasia (flute player), Zakir Hussain (tabla player), Bismillah Khan (Shehnai player).

Sol.30.(c) Both A and B. The government can reduce the deficit by increasing taxes or reducing expenditure. In India, efforts have focused on increasing tax revenue, particularly through direct taxes, and raising funds from PSU share sales. Additionally, the government has prioritized reducing expenditure by improving efficiency and administration in government activities.

Sol.31.(c) Kerala. Thrissur Pooram festival is held in the months of April - May in Vaddakumnathan Temple in the town of Thrissur. Popular Festivals in Kerala: Onam, Boat Festival, Attukal Pongala, Vishu, Makaravilakku at Sabarimala temple, Theyyam.

Sol.32.(d) Both A and B. Revenue Receipts are the receipts of the government which neither creates liabilities nor cause any reduction in the government or public assets. Capital Expenditure refers to the money spent by the government that leads to creation of assets, such as construction of buildings, development of education and healthcare, investment in loans, etc.

Sol.33.(d) Four. Johann Dobereiner (German chemist) was the first to consider the idea of trends among properties of elements.

Sol.34.(c) Major Dhyan Chand. The Major Dhyan Chand National Stadium was designed by Anthony S. DeMillo. It dates back to 1933 and was built as a gift for Delhi by the Maharaja of Bhavnagar. The "Major Dhyan Chand Khel Ratna Award" (previously known as the Rajiv Gandhi Khel Ratna Award) is named in his honor.

Sol.35.(a) Punjab. Giddha is performed by women. Famous Folk Dances of Punjab: Bhangra, Kikli, Jaago, Jhumar, Sammi, Gatka, Jindua, Malwai Giddha. State and their Folk dance: Bihar - Karma, Jharni; Gujarat - Dandiya Raas, Garba, Bhavai; West Bengal - Brita, Tusu, Baul.

Sol.36.(c) Raja Ram Mohan Roy. He founded a Brahmo Sabha (later known as the Brahmo Samaj) in Calcutta, 1828. He fought for equal treatment of women and people of all castes. He was instrumental in the criminalization of Sati in 1829.

Sol.37.(b) Dholavira. It is a Harappan city of Indus Valley Civilisation (IVC). Located in - Gujarat. It is India's 40th world heritage site, and the first site of IVC in India to be included on the coveted list UNESCO. Discovered in 1968 by

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archaeologist Jagat Pati Joshi. Other Harappan Sites in Gujarat: Lothal, Rangpur, Rojadi.

Sol.38.(b) Gujarat. Subrahmanyam Jaishankar previously served as Indian ambassador to US (2013-15) and China (2009-13).

Sol.39.(d) Dollu Kunitha. It is associated with the worship of Sree Beeralingeshwara (Lord Shiva), originated in the rituals of the Kuruba Gowda community of North Karnataka. Other folk dances: Kamsale Nrutya (Karnataka), Ghodemodni (Goa), Kummi (Kerala, Tamil Nadu), Dandiya (Gujarat).

Sol.40.(a) Table Tennis. Mouma Das became only the second table tennis player after Achanta Sharath Kamal (2019) to win the Padma Shri (2021). Her Awards : Arjuna Award (2013). Other table tennis players: Manika Batra, Sathiyan Gnanasekaran, Manav Thakkar.

Sol.41.(d)

Rate = 12% = $\frac{3}{25}$, Time = 2 yrs

25 : 28

25 : 28

625 : 784

CI = 784 - 625 = 159 unit

625 unit = ₹15,000

159 unit = $\frac{15,000}{625}$ × 159 = ₹3816

Sol.42.(b)

New average = 60 + $\frac{5\times(-12)+7\times(+10)}{12}$

= 60 + $\frac{10}{12}$ = $\frac{365}{6}$ = 60.83

Sol.43.(a) 35% of P = 60% of Q

$\frac{P}{Q}$ = $\frac{60}{35}$ = $\frac{12}{7}$

Q = $\frac{z}{3}$% of P

$\frac{Q}{P}$ = $\frac{z}{3}$%

⇒ z = $\frac{7}{4}$ × 100 = 175

Sol.44.(a)

$\frac{0.5 \div (0.5 \times 0.5)}{(0.5 \div 0.5) \times 0.5}$ = $\frac{0.5 \div 0.25}{0.5}$ = $\frac{2}{0.5}$ = 4

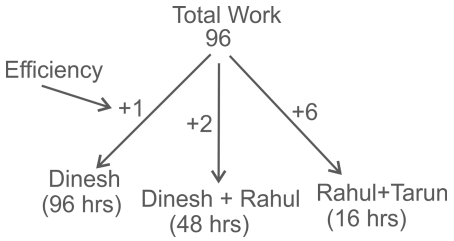
Sol.45.(a) 49 × 4 ÷ 28 + 56 ÷ 7 × 8 - 784 ÷ 28 + 14 × 2

= 7 + 64 - 28 + 28 = 71

Sol.46.(d) Average age of 20 students

= 22 + $\frac{42-22}{20}$ = 22 + 1 = 23 yrs

Sol.47.(b)



Efficiency of Rahul = 2 - 1 = 1 unit

Efficiency of Tarun = 6 - 1 = 5 unit

So, the time taken by Tarun to complete the whole work = $\frac{96}{5}$ = 19.2 hours

Sol.48.(b) MP = 1008 × $\frac{100}{72}$ = ₹1400

Sol.49.(b)

Let the usual speed of the car be 'S'

$\frac{210}{S-10}$ - $\frac{210}{S}$ = $\frac{42}{60}$ = $\frac{7}{10}$

210 × $\frac{10}{S(S-10)}$ = $\frac{7}{10}$

S(S -10) = 3000

S^2 - 10S - 3000 = 0

S^2- 60S + 50S - 3000 = 0

S(S - 60) + 50(S - 60) = 0

(S - 60)(S + 50) = 0

⇒ S = 60 km/hr

or -50 km/hr (speed can't be -ve)

hence, usual speed of the car = 60 km/h

Sol.50.(c) Let CP be 100%

90% = ₹ 5688

120% = $\frac{5688}{90}$ × 120 = ₹7584

Sol.51.(c) P% of P = 225

$\frac{P^2}{100}$ = 225 ⇒ P^2 = 22500

Sol.52.(c)

Ratio - Water Milk

Old - 4 : 7

New - 8 : 7

According to the question,

4 +7 = 11 unit = 110 litres

Then, 8 - 4 = 4 unit = $\frac{110}{11}$ × 4 = 40 litres

Sol.53.(a)

Net profit/loss% = 50 - 20 + $\frac{50\times(-20)}{100}$

= 50 - 30 = 20% profit

Sol.54.(c) 20% = $\frac{1\rightarrow loss}{5\rightarrow cost\ price}$

⇒ Cost price : Selling price = 5 : 5 - 1

= 5 : 4

Sol.55.(b) Let required men be 'm'

22 × 2 = m × $\frac{1}{2}$ ⇒ m = 88

Sol.56.(a) $\frac{T}{U}$ = $\frac{5}{4}$

⇒ $\frac{T+U}{T}$ = $\frac{5+4}{5}$ = $\frac{9}{5}$

Sol.57.(c) 13 × 12 + 12 × 11 - 14 × 15 - 9 × 13 + 19 × 15

= 156 + 132 - 210 - 117 + 285 = 246

Sol.58.(d)

Area of equilateral triangle = $\frac{\sqrt{3}}{4}$ × a^2

$16\sqrt{3}$ = $\frac{\sqrt{3}}{4}$ × a^2

a^2 = 64 ⇒ a = 8

Sol.59.(c)

According to question,

⇒ 2.5 = $\frac{1\times14\times R}{100}$ ⇒ R = $\frac{250}{14}$ = $\frac{125}{7}$

Now,

⇒ S.I = $\frac{1\times28\times125}{100\times7}$ = 5

Amount = 1 + 5 = 6

So, the amount will be 6 times of itself.

Sol.60.(c)

⇒ 4500 ÷ 9 + 1800 × 2 - 310 × 7

⇒ 500 + 3600 - 2170 = 1930

Sol.61.(b) shall wear in the evening.

"Shall" should be replaced with "can" to suggest the possibility. Hence, 'can wear in the morning' is the most appropriate answer.

Sol.62.(c) No correction required.

The given sentence is grammatically correct.

Sol.63.(a) No error.

The given sentence is grammatically correct.

Sol.64.(a) Coincidental - something happening by chance or without any planned cause.

Circumstantial - something that is dependent on or related to specific circumstances or conditions.

Certain - something that is definite, sure, or without doubt.

Credible - something or someone that is believable, trustworthy, or reliable.

Sol.65.(d) Unbind - release from bonds or restraints.

Arrest - to take or keep in custody by authority of law.

Stall - to stop or delay.

Standstill - a situation when there is no movement, progress or activity.

Detain - to keep in custody.

Sol.66.(b) To pick somebody's pocket - to steal something from the pocket.

E.g. - As it was crowded on the subway, a thief managed to pick my pocket and

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steal my wallet.

Sol.67.(a) Nearby
Apart - away from somebody/something.
Contaminated - made impure by addition of polluting substances.
Contagious - something that can be spread from one person or organism to another.

Sol.68.(a) Generous - happy to give more money, help, etc. than is usual or expected.
Frugal - using only as much money or food as is necessary.
Impact - an effect or impression.
Charity - the act of giving to those in need.
Significant - important or large enough to be noticed.

Sol.69.(c) From his childhood, honesty and morality were his darling attributes.
'Honesty ', 'morality' and 'attributes' are the correct spellings.

Sol.70.(d) treacherous
'Treacherous' means presenting hidden dangers. The given sentence states that the hikers encountered treacherous terrain while navigating through the dense forest. Hence, 'treacherous' is the most appropriate answer.

Sol.71.(c) is more clearer
The word "more" is unnecessary with "clearer" because "clearer" is already the comparative form of "clear."
Hence, 'is clearer' is the most appropriate answer.

Sol.72.(a) will not get
"If/until + Simple Present, will + V_1' is the correct structure for 1st conditional. Hence, 'will not get' is the most appropriate answer.

Sol.73.(d) I was the only one that
'Was' is used with the pronoun 'I'. 'Were' is used only in hypothetical situations. Hence, 'I was the only one that' is the most appropriate answer.

Sol.74.(d) surgary
'Surgery' is the correct spelling.

Sol.75.(b) Bread and butter- the source of livelihood.

Sol.76.(b) era
'Era' denotes a significant period or phase.The given passage states that as we enter a more permanent era of hybrid work for desk-based employees, it's time to find equitable flexibility for frontline workers. Hence, 'era' is the most appropriate answer.

Sol.77.(b) workers
The given passage states that it's time to find equitable flexibility for frontline workers like those in manufacturing and healthcare. Hence, 'workers' is the most appropriate answer.

Sol.78.(d) that
'That' is used as a relative pronoun for people and non-living things. In the given passage, 'organisation' is a group of people. Hence, 'that' is the most appropriate answer.

Sol.79.(b) improving
'Improving' means making something better. The given passage states that 58% of organizations that employ frontline workers have invested in improving their employee experience in the past year. Hence, 'improving' is the most appropriate answer.

Sol.80.(a) intend
'Intend' means to plan or aim to do something. The given passage states that about a third of those who haven't done so intend to do so in the next 12 months. Hence, 'intend' is the most appropriate answer.

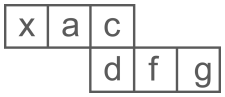
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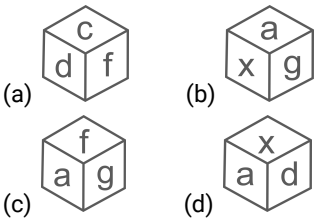
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SSC GD Constable 22/02/2024 (4th Shift)

Reasoning

Q.1. Select the dice which cannot be formed on folding the given sheet.





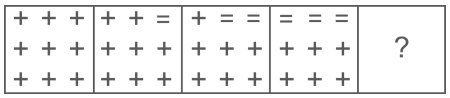
Q.2. Which of the following numbers will replace the question mark (?) in the given series?
33, 34, 38, 47, 63, ?
(a) 79 (b) 72 (c) 96 (d) 88

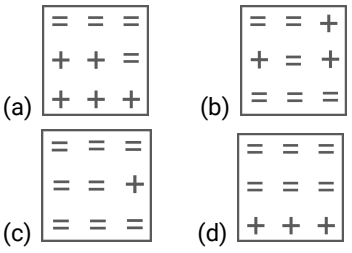
Q.3. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
cd_fc_efcdefcde_cdefcde_cdef
(a) efdf (b) cddf (c) edff (d) fcde

Q.4. Seven girls A, B, C, X, Y, W and Z are sitting around a circular table facing opposite to the centre (not necessarily in the same order). W is second to the left of X. W is the immediate neighbour of both B and C. Z is fourth to the left of B. Y is not the immediate neighbour of C. Who is sitting on the immediate left of X?
(a) B (b) A (c) Y (d) Z

Q.5. In a certain code language, if PIZZA is coded as BAAJQ, BURGER is coded as SFHSVC, then what will NOODLES be coded as ?
(a) KSAHTRO (b) TFMEPPO
(c) OPPEMFT (d) ORTHASK

Q.6. Select the figure that will replace the question mark (?) in the following figure series



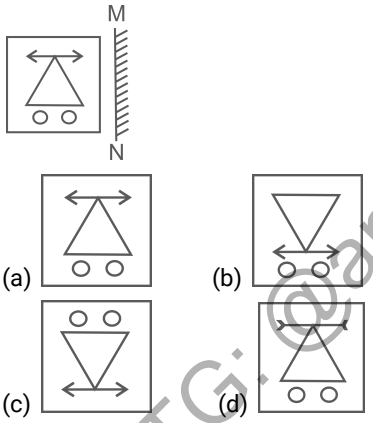


Q.7. Arrange the following words in alphabetical order:
1. CONFUSION 2. CONFIDENCE
3. CONFIRM 4. CONFLICT
5. CONDUCTOR
(a) 5, 2, 3, 4, 1 (b) 5, 2, 1, 3, 4
(c) 5, 2, 3, 1, 4 (d) 3, 5, 2, 4, 1

Q.8. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
MNRT, QRVX, UVZB, YZDF, ?
(a) CDHJ (b) DEHJ (c) DEFG (d) DEMR

Q.9. In the following question, select the related letters from the given alternatives
AEI : CGK :: NRV : ?
(a) UXZ (b) PTX (c) PQR (d) SRT

Q.10. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure

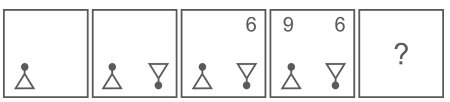


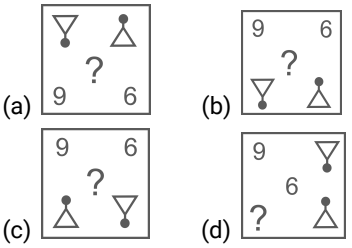
Q.11. Six boys Sumit, Gopal, Honey, Ishaan, Jatin and Lalit are sitting around a circular table facing towards the centre. Ishaan is the third to the left of Sumit. Jatin and Honey are the immediate neighbours of Ishaan. Lalit is to the immediate right of Jatin. Who is sitting to the immediate left of Honey ?
(a) Gopal (b) Jatin (c) Ishaan (d) Sumit

Q.12. Which of the following numbers will replace the question mark (?) in the given series ?
17, 25, 37, 53, 73, 97, ?
(a) 129 (b) 128 (c) 125 (d) 121

Q.13. Which two signs should be interchanged to make the given equation correct ?
14 - 21 × 7 + 3 ÷ 6 = 29
(a) × and - (b) × and ÷
(c) = and × (d) + and -

Q.14. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



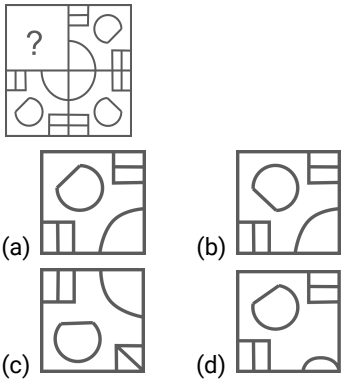


Q.15. If 15 A 8 B 9 C 3 = 20 and 18 A 20 B 15 C 5 = 35, then 8 A 6 B 4 C 2 = ?
(a) 12 (b) 15 (c) 11 (d) 13

Q.16. In a certain code language, if RHYMES is coded as PFWKGQ, LIME is coded as JKKG, then what will CHIMES be coded as ?
(a) KFAKGQ (b) KFAQGK
(c) AFKQGK (d) AFKKGQ

Q.17. In the following question, select the related letter pair from the given alternatives
YL : UH : : ?
(a) PQ : RS (b) OB : GT
(c) TG : PC (d) UU : VV

Q.18. Which answer figure will complete the pattern in the question figure? (rotation is not allowed)



Q.19. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : Some engineers are doctors.
Statement II : All doctors are lawyers.
Statement III : Some lawyers are not teachers
Conclusion I: Some lawyers are teachers.
Conclusion II : Some engineers are lawyers
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Neither conclusion I nor II follows
(d) Both conclusions I and II follow

Q.20. If P + Q means P is the brother of Q, P × Q means P is the mother of Q, P ÷ Q means P is the father of Q and P - Q

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means P is the sister of Q . if A × B ÷ C - D + E - F, then how is A related to E?
(a) Father's mother (b) Father
(c) Mother (d) Father's sister

General Awareness

Q.21. Which of the following measures of money supply is most liquid ?
(a) M3 (b) M2 (c) M4 (d) M1

Q.22. In which year was the Dandi March by Mahatma Gandhi launched ?
(a) 1940 (b) 1950 (c) 1920 (d) 1930

Q.23. Sangeet Natak Academy Awards were earlier known as _____.
(a) Residential Awards
(b) Prestigious Awards
(c) Presidential Awards
(d) Cultural Awards

Q.24. Heptathlon for women includes _____ events.
(a) 11 (b) 7 (c) 5 (d) 10

Q.25. Gangaur festival is historically native to which of the following states"
(a) Himachal Pradesh (b) Uttar Pradesh
(c) Madhya Pradesh (d) Rajasthan

Q.26. PR Sreejesh is a _____
(a) hockey player (b) football player
(c) cricket player (d) badminton player

Q.27. Which of the following events was played in National Games 2023 ?
I. Sepak Takraw
II. Mallakhamb
(a) Both I and II (b) Only I
(c) Neither I nor II (d) Only II

Q.28. In India, Garibi Hatao and attainment of self-reliance was the main objective of _____.
(a) First Five Year Plan
(b) Fifth Five Year Plan
(c) Seventh Five Year Plan
(d) Third Five Year Plan

Q.29. Which of the following departments under the Ministry of Finance has launched the scheme "Vivad se Vishwas II" - (Contractual Disputes) to effectively settle the pending contractual disputes of government and government undertakings ?
(a) Department of Economic Affairs
(b) Department of Expenditure
(c) Department of Financial Services
(d) Department of Revenue

Q.30. Which of the following is correct regarding Conditions of Governor's office?
I . The Governor can hold any other office of profit
II. The Governor shall be entitled without payment of rent to the use of his official residences
(a) Only II (b) Neither I nor II
(c) Both I and II (d) Only I

Q.31. Which instrument was played by Ustad Asad Ali Khan?
(a) Sarod (b) Santoor
(c) Sitar (d) Rudra Veena

Q.32. Which of the following parts of the Indian Constitution deals with The Union and its Territories ?
(a) Part II (b) Part III
(c) Part IV (d) Part I

Q.33. Kuchipudi originated in a village named Kuchipudi in the Indian state of _____.
(a) Kerala (b) Tamil Nadu
(c) Andhra Pradesh (d) Uttar Pradesh

Q.34. India shares its land borders with _____ countries
(a) eight (b) seven (c) five (d) six

Q.35. Which of the following five year plan of India was a complete failure ?
(a) Seventh Five Year Plan
(b) Third Five Year Plan
(c) First Five Year Plan
(d) Sixth Five Year Plan

Q.36. What is the name of an Indian-American cancer physician, who is among 15 individuals chosen to the 2023-2024 class of White House Fellows
(a) Rahul Gupta (b) Atul Butte
(c) Kavitha Bhatia (d) Kamal Menghrajani

Q.37. National Rural Employment Guarantee Act 2005. It promises _____ days of guaranteed wage employment to all rural households in India who volunteer to do unskilled manual work.
(a) 365 (b) 90 (c) 100 (d) 180

Q.38. H_2 is a Molecular Formula of which of the following elements ?
(a) Lead (b) Hydrogen
(c) Platina (d) Sulphur

Q.39. Under Pradhan Mantri Awas Yojana (Gramin) in Himachal Pradesh, 19,578 houses have been sanctioned in Himachal Pradesh and _____houses have been completed as of November 9, 2023.
(a) 9,800 (b) 14,906 (c) 18,502 (d) 4,580

Q.40. A famous play, 'Abhijnana Shakuntalam' was written by which of the following personalities ?
(a) Kalhana (b) Asvaghosa
(c) Kalidasa (d) Vishakhadatta

Quantitative Aptitude

Q.41. The difference between circumference and the diameter of a circle is 12 cm. What is the area of the circle?
(a) 25 cm^2 (b) 24.64 cm^2
(c) 32.26 cm^2 (d) 18 cm^2

Q.42. The Least Common Multiple of two prime numbers x and y, (x < y) is 145. Then what is the value of (10x - y) ?
(a) 11 (b) 21 (c) 27 (d) 18

Q.43. A can do a piece of work in 28 days. B is 68% more efficient than A. Find the number of days taken by B to do the same piece of work.
(a) $\frac{28}{3}$ days (b) 15 days
(c) $\frac{50}{3}$ days (d) $\frac{25}{2}$ days

Q.44. A person lent certain sum of money at the annual rate of 24 percent on simple interest. In 5 years the interest amounted to Rs. 1200 more than the sum lent. What is the sum lent?
(a) Rs. 2400 (b) Rs. 3600
(c) Rs. 6000 (d) Rs. 3000

Q.45. Abhishek marks the price of his laptop 50 percent above the cost price. He allows his customer a discount of 30 percent on the marked price. What is the profit percentage ?
(a) 5 percent (b) 20 percent
(c) 8 percent (d) 10 percent

Q.46. Selling price of a bag is Rs. 1056 and profit percentage is 20 percent. If selling price is Rs. 800, then what will be the loss percentage
(a) 4.25 percent (b) 9.09 percent
(c) 11.11 percent (d) 8.08 percent

Q.47. What is the value of 7.14 percent of 66.67 percent of 21.84 ?
(a) 1.07 (b) 2.02 (c) 1.04 (d) 1.09

Q.48. Compound interest (compounding annually) on a sum for 2 years is Rs. 967.5. If rate of interest is 15 percent per annum, then what is the sum ?
(a) Rs. 3000 (b) Rs. 2400
(c) Rs. 2800 (d) Rs. 2700

Q.49. Cost price of an article is Rs. 360. If the profit percentage is 8 percent, then what is the value of profit
(a) Rs. 30 (b) Rs 25.6
(c) Rs. 28.8 (d) Rs. 24.5

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Q.50. What is the average of squares of first 17 natural numbers ?
(a) 94 (b) 105 (c) 124 (d) 113

Q.51. Which of the following number is divisible by 9 ?
(a) 1474 (b) 4124 (c) 4131 (d) 1254

Q.52. The tax imposed on an article is decreased by 17% and its consumption increases by 17%. Find the percentage change in revenue.
(a) 2.89% increase (b) 2.89% decrease
(c) 17% decrease (d) 17% increase

Q.53. What is the value of $\frac{2}{1\times3}+\frac{2}{3\times5}+\frac{2}{5\times7}+\cdots\cdots\frac{2}{99\times101}$?
(a) $\frac{101}{102}$ (b) $\frac{99}{100}$ (c) $\frac{100}{101}$ (d) $\frac{99}{101}$

Q.54. If Selling price of an article is Rs. 2400 and Marked price is Rs. 3000. What is the discount percentage ?
(a) 25 (b) 15 (c) 30 (d) 20

Q.55. Anil can do a work in 80 days. What percent work of the total work can be done by Anil in 30 days ?
(a) 38 percent (b) 40 percent
(c) 42 percent (d) 37.5 percent

Q.56. The ratio of P, Q and R is 6 : 5 : 9 respectively. If their sum is 400, then what is the difference between P and R ?
(a) 60 (b) 70 (c) 100 (d) 80

Q.57. The average age of a group of 11 men is 53 years. 2 men leave the group and the average age of group increases by 1 year. What is the average age of 2 men who left the group ?
(a) 48.5 years (b) 49 years
(c) 51 years (d) 53 years

Q.58. How many two digit numbers are there which are divisible by 8 ?
(a) 11 (b) 12 (c) 13 (d) 10

Q.59. In a smoothie recipe, the ratio of fruits to yogurt is 5 : 2, and the ratio of yogurt to honey is 3 : 1. What is the ratio of fruits to honey in the recipe
(a) 2 : 11 (b) 16 : 3 (c) 3 : 14 (d) 15 : 2

Q.60. A person walks at a speed of 6 km/h and covers a certain distance in 4 hours. If the person increases the speed to 8 km/h, how long will it take to cover the same distance ?
(a) 2 hours (b) 5 hours
(c) 3 hours (d) 4.5hours

English

Q.61. Select the most appropriate word to fill in the blank.
_____! Watch out for that hole.
(a) Amen (b) Yay (c) Tut (d) Hey

Q.62. Select the most appropriate option for the given blank.
Your brother_____an apology to me.
(a) owes (b) drops (c) abates (d) owns

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
We believe that visiting Shimla is the better therapy for you.
(a) the better therapy for you
(b) No error
(c) We believe that
(d) visiting Shimla is

Q.64. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Please distribute these balloons between all the candidates.
(a) all the candidates
(b) No error
(c) Please distribute
(d) these balloons between

Q.65. Improve the underlined part of the sentence. Choose "No improvement" as an answer if the sentence is grammatically correct.
I read the directions, but I still can't figured out how it works
(a) figure out (b) figuring out
(c) figures off (d) No improvement

Q.66. Choose the most appropriate antonym of the underlined word.
That missing context can often lead to separate **interpretations** by different readers or viewers
(a) Analysis (b) Insight
(c) Ignorance (d) Explanation

Q.67. Select the incorrectly spelt word from the given sentence.
According to the Finance Minister, this will provide the digital economy a new demension.
(a) provide (b) According
(c) demension (d) economy

Q.68. The sentence has been divided into three parts, identify the segment which contains a spelling error in the sentence given below. Choose no error if there is no error in the sentence.
The renowned chef, known for his innovative cullinary /creations, opened a new restaurant that quickly became/ a hotspot for food enthusiasts seeking a unique dining experience.
(a) no error
(b) creations, opened a new restaurant that quickly became
(c) The renowned chef, known for his innovative cullinary
(d) a hotspot for food enthusiasts seeking a unique dining experience

Q.69. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase
To turn a deaf ear to
(a) To have an ear ache
(b) To get into trouble
(c) To refuse to listen and consider
(d) To become deaf

Q.70. Select the most appropriate antonym of the given word.
Investment
(a) Outline (b) Divestment
(c) Endowment (d) Goody

Q.71. Fill in the blank with the most appropriate option.
He had always liked this mosque, it was gracious, and the arrangement _____ him.
(a) dissatisfied (b) pleased
(c) happy (d) bothered

Q.72. Select the most appropriate word to fill in the blank.
_____ his previous start-ups have failed
(a) Little (b) Quite (c) Very (d) All

Q.73. Choose the most appropriate synonym of the underlined word.
Visitors board the train and wind their way through its corridors and **lavish** decor.
(a) Mundane (b) Affluent
(c) Destitute (d) Regular

Q.74. Select the most appropriate word to fill in the blank.
The trio of women at the table_____ representative of the enormous flux of American life.
(a) had being (b) was
(c) has been (d) were

Q.75. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
All the boys of Shemrock are **similar in many ways.**
(a) Flocking birds (b) Eats like a bird
(c) A piece of cake (d) Birds of a feather

Cloze Test :
Direction :- [Q.76. to Q.80.]

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Chimpanzees awaken at dawn, and their day is spent (76)____in the trees and on the ground. After a lengthy midday rest, late afternoon is usually the most intensive feeding (77)_____In the trees, where most feeding takes place, chimps use their hands and feet to move (78)_____They also leap and swing by their arms (brachiate) skilfully from branch to branch. Movement over any significant distance usually takes (79) _____on the ground. Though able to walk upright, chimpanzees more often move about on all fours, (80) _____forward on the knuckles of their hands (knuckle walking)

Q.76. (a) either (b) neither (c) all (d) both

Q.77. (a) era (b) period
(c) movement (d) group

Q.78. (a) over (b) of (c) along (d) about

Q.79. (a) spot (b) place (c) part (d) over

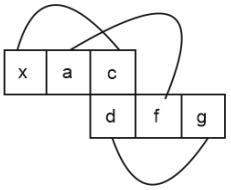
Q.80. (a) ragging (b) leaning
(c) making (d) stalling

Answer Key :-

1.(c)	2.(d)	3.(c)	4.(a)
5.(b)	6.(a)	7.(a)	8.(a)
9.(b)	10.(a)	11.(a)	12.(c)
13.(b)	14.(c)	15.(a)	16.(d)
17.(c)	18.(b)	19.(b)	20.(a)
21.(d)	22.(d)	23.(c)	24.(b)
25.(d)	26.(a)	27.(a)	28.(b)
29.(b)	30.(a)	31.(d)	32.(d)
33.(c)	34.(b)	35.(b)	36.(d)
37.(c)	38.(b)	39.(b)	40.(c)
41.(b)	42.(b)	43.(c)	44.(c)
45.(a)	46.(b)	47.(c)	48.(a)
49.(c)	50.(b)	51.(c)	52.(b)
53.(c)	54.(d)	55.(d)	56.(a)
57.(a)	58.(a)	59.(d)	60.(c)
61.(d)	62.(a)	63.(a)	64.(d)
65.(a)	66.(c)	67.(c)	68.(c)
69.(c)	70.(b)	71.(b)	72.(d)
73.(b)	74.(d)	75.(d)	76.(d)
77.(b)	78.(d)	79.(b)	80.(b)

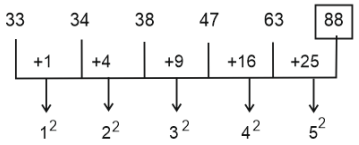
Solutions :-

Sol.1.(c) We know that opposite face can't be adjacent



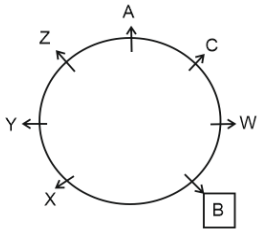
Here opposite faces are $x \leftrightarrow c$, a ↔ f , d ↔ g. So option (c) is the correct answer.

Sol.2.(d)

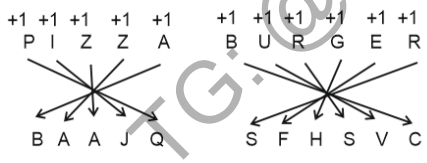


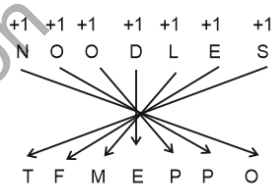
Sol.3.(c) cd**e**f / c**d**ef / cdef / cde**f** / cdef / cde**f** / cdef

Sol.4.(a)



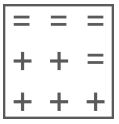
Sol.5.(b)





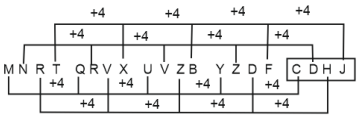
Similarly,

Sol.6.(a)

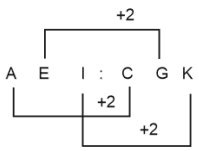


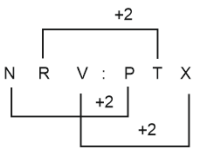
Sol.7.(a) The correct order is :-
Conductor(5) → Confidence(2) → Confirm(3) → Conflict(4) → Confusion(1)

Sol.8.(a)



Sol.9.(b)



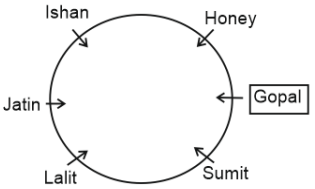


Similarly,

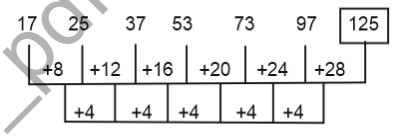
Sol.10.(a)



Sol.11.(a)

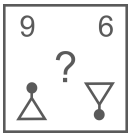


Sol.12.(c)



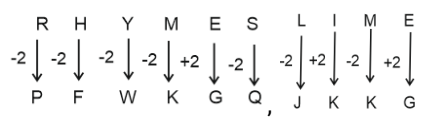
Sol.13.(b)
Given :- 14 - 21 × 7 + 3 ÷ 6 = 29
After going through all the options, option(b) satisfies. After interchanging × and ÷ we get,
14 - 21 ÷ 7 + 3 × 6
14 - 3 + 18 = 29 ⇒ 29 = 29
L.H.S = R.H.S.

Sol.14.(c)



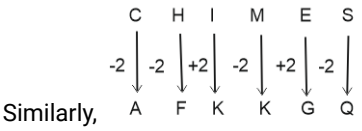
Sol.15.(a) Given :- 15 A 8 B 9 C 3 = 20 and 18 A 20 B 15 C 5 = 35
Logic :- Interchange A , B and C with + , - and ÷ respectively we get
⇒15 A 8 B 9 C 3 = 20
⇒ 15 + 8 - 9 ÷ 3 = 20
⇒ 23 - 3 = 20 ⇒ 20 = 20
And
⇒ 18 A 20 B 15 C 5 = 35
⇒ 18 + 20 - 15 ÷ 5 = 35
⇒ 18 + 20 - 3 = 35 ⇒ 35 = 35
Similarly,
8 A 6 B 4 C 2
8 + 6 - 4 ÷ 2 ⇒ 14 - 2 = 12

Sol.16.(d) Logic :- In consonant subtract 2 and In vowels add 2.



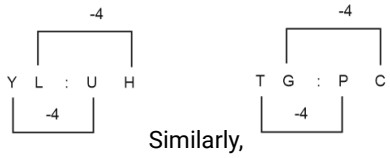
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Similarly,

Sol.17.(c)

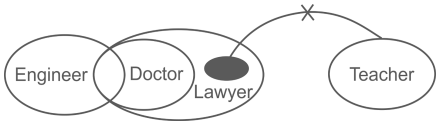


Similarly,

Sol.18.(b)

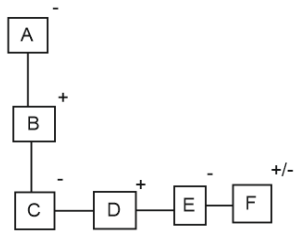


Sol.19.(b)



Only conclusion II follows.

Sol.20.(a)



A is the Father's mother of E.

Sol.21.(d) M1. M1 = Currency held by the public (CU) + Net demand deposits held by commercial banks (DD). M1 is most liquid and easiest for transactions whereas M4 is least liquid of all. M3 is the most commonly used measure of money supply, also known as aggregate monetary resources. M1 and M2 are known as narrow money. M3 and M4 are known as broad money.

Sol.22.(d) 1930. Mahatma Gandhi started the Dandi March (Salt March) on 12th March 1930. He was accompanied by 78 of his trusted volunteers. The volunteers walked for 24 days, about 10 miles a day. On 6 April he reached Dandi, and ceremonially violated the law, manufacturing salt by boiling sea water. This event marked the beginning of Civil Disobedience Movements.

Sol.23.(c) Presidential Awards. The awards for Hindustani and Carnatic music were instituted as early as 1951, even before the establishment of the Sangeet Natak Akademi, and were originally known as Presidential Awards. After the Akademy was formed, these awards became the Sangeet Natak Akademi Awards, with the responsibility for their investiture transferred to the Akademi. The Presidential Awards for 1952 and 1953 were later included in the list of Sangeet Natak Akademi Awards.

Sol.24.(b) 7. The "combined events" includes the decathlon for men and the heptathlon for women. Heptathlon (Women): Consists of 7 events - 100 m hurdles, high jump, shot put, 200 m, long jump, javelin throw, and 800 m. Decathlon (Men): Consists of 10 events - 100 m, shot put, high jump, long jump, 400 m, 110 m hurdles, discus throw, pole vault, javelin throw, and 1500 m.

Sol.25.(d) Rajasthan. The Gangaur festival is celebrated in the Hindu month of Chaitra, which is March and April. Other festivals of Rajasthan: Teej Festival, Desert Festival, Nagaur Fair, Marwar Festival, Camel Festival, Mewar Festival, Elephant Festival.

Sol.26.(a) Hockey player. He has represented India in four consecutive Olympic Games: 2012, 2016, 2020, and 2024. He made his debut as a goalkeeper at the 2006 South Asian Games in Sri Lanka. Other Indian hockey players: Jarmanpeet Singh, Amit Rohidas, Harmanpreet Singh, Sumit Walmiki, Shamsher Singh, Manpreet Singh, Vivek Sagar Prasad, Abhishek Nain, Sukhjeet Singh, Lalit Kumar Upadhyay, Mandeep Singh.

Sol.27.(a) Both I and II. The 37th National Games 2023, was held in Goa. Sqay martial arts, rollball, sepaktakraw, kalaripayattu, pencak silat and mini golf were added to the National Games sports programme in 2023. National Games also include indigenous sports like mallakhamb, kho-kho and kabaddi, amongst others.

Sol.28.(b) Fifth Five Year Plan (1974-79) : Its target Growth was 4.4% and Actual Growth was 4.8%. It proposed to achieve two main objectives: 'removal of poverty' (Garibi Hatao) and 'attainment of self reliance'. The final Draft of the fifth plan was prepared and launched by D.P. Dhar. The objectives of Fourth Plan were "Growth with stability" and "Progressive achievement of self reliance".

Sol.29.(b) The Department of Expenditure. This scheme will apply to all domestic contractual disputes where one of the parties is either the Government of India or an organisation working under its control. The scheme was announced in the Union Budget 2023-24.

Sol.30.(a) Only II. Conditions of Governor's office (Article 158): (1) The Governor shall not be a member of either House of Parliament or of a House of the Legislature of any State; (2) The Governor shall not hold any other office of profit; (#) The Governor shall be entitled without payment of rent to the use of his official residences and shall be also entitled to such emoluments, allowances and privileges as may be determined by Parliament by law; (4)The emoluments and allowances of the Governor shall not be diminished during his term of office.

Sol.31.(d) Rudra Veena. Ustad Asad Ali Khan was an expert in the Khandar school of Dhrupad (Hindustani Classical Music). Awards : Padma Bhushan (2008). Other Rudra-veena players : Bhade Ali Khan, Abid Hussain Khan, Rajab Ali Khan, Krishna Rao Kollapure, Wazir Khan, Zia Mohiuddin Dagar, Bahauddin Dagar.

Sol.32.(d) Part I. Parts and Subject: Part II - Citizenship; Part III - Fundamental Rights; Part IV - Directive Principles of State Policy; Part IV A - Fundamental Duties; Part V - The Union; Part VI - The States. The Constitution of India is divided into 25 parts and 12 schedules.

Sol.33.(c) Andhra Pradesh. Kuchipudi is an Indian classical dance originated from Kuchipudi village in the Krishna district in Andhra Pradesh. Other classical dances and respective states: Bharatnatyam (Tamil Nadu), Kathak (Uttar Pradesh), Kathakali (Kerala), Kuchipudi (Andhra Pradesh), Mohiniyattam (Kerala), Odissi (Odisha), Sattriya (Assam); Manipuri (Manipur).

Sol.34.(b) seven. India shares land borders with seven countries: Pakistan and Afghanistan in the northwest; China, Nepal, and Bhutan in the North; Myanmar and Bangladesh in the East. Afghanistan has the shortest, and Bangladesh has the largest land boundary with India. Bangladesh and Pakistan share both land borders as well as maritime borders. India shares its maritime boundaries with seven countries - Pakistan, Maldives, Sri Lanka, Indonesia, Thailand, Myanmar and Bangladesh.

Sol.35.(b) Third Five Year Plan (1961 - 66) : Target Growth: 5.6%, Actual

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Growth: 2.8%. The Plan was a complete failure in reaching the targets due to unforeseen events - Chinese aggression (1962), Indo-Pak war (1965), severe drought (1965-66).

Sol.36.(d) Kamal Menghrajani. She is an Indian-American cancer physician specializing in leukemia. The White House Fellows program provides outstanding young leaders with first-hand experience in the highest levels of the Federal government. Established in - 1964.

Sol.37.(c) 100. Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) is one of the largest work guarantee programmes in the world. Launched in 2005 by the Ministry of Rural development. Aim - To provide 100 days of employment per financial year to rural adults willing to do unskilled manual work at the minimum wage.

Sol.38.(b) Hydrogen. Elements and their molecular formula : Sulphur - S_8, Platinum - Pt, Nitrogen - N_2, Oxygen - O_2, Chlorine - Cl_2, Fluorine - F_2, Ozone - O_3.

Sol.39.(b) 14,906. Pradhan Mantri Awaas Yojana – Gramin (PMAY-G) launched on 1st April, 2016. Aim - to fulfill the Government's commitment and address rural housing gaps. It is implemented by the Ministry of Rural development.

Sol.40.(c) Kalidasa: He wrote 'Abhijnana Shakuntalam' in Sanskrit language. Other famous plays written by Kalidasa : 'Meghaduta', 'Raghuvamsa', 'Malavikagnimitram', 'Vikramorvasiyam', 'Kumarasambhava', 'Ritusamhara'. Personalities and their Plays : Kalhana - 'Rajatarangini'. Asvaghosa - 'Buddhacharitra'. Vishakhadatta - 'MudraRakshasa' and 'Devichandraguptam'.

Sol.41.(b) According to question,
Difference between circumference and the diameter of circle =12
i.e . $2\pi r - 2r = 12$
$2r(\frac{22}{7} - 1) = 12 \Rightarrow 2r \times \frac{15}{7} = 12$
$\Rightarrow \frac{30}{7} r = 12 \Rightarrow r = \frac{12 \times 7}{30} = \frac{14}{5}$
So, the area of the circle
$= \pi r^2 = \frac{22}{7} \times \frac{14}{5} \times \frac{14}{5} = \frac{616}{25}$
$= 24.64\ cm^2$

Sol.42.(b) According to question,
$x \times y = 145 = 5 \times 29$
(5 and 29 are prime no's)
$\Rightarrow x = 5, y = 29$
$10x - y = 10 \times 5 - 29 = 21$

Sol.43.(c)

	A		B
Efficiency	25	:	42
Time	42	:	25

42 unit = 28 days
Then, 25 unit = $\frac{28}{42} \times 25 = \frac{50}{3}$ days
So, the time taken by B alone to complete the whole work = $\frac{50}{3}$ days

Sol.44.(c) Rate = 24% = $\frac{24 \rightarrow SI}{100 \rightarrow Principal}$
SI for 5 yr = 24 × 5 = 120 unit
According to question,
120 - 100 = 20 unit = ₹1200
Then, 100 unit = $\frac{1200}{20} \times 100$ = ₹6000

Sol.45.(a) Net profit%
$= (50 - 30 - \frac{50 \times 30}{100})\% = 20 - 15 = 5\%$

Sol.46.(b) 20% = $\frac{1}{5}$
CP : SP = 5 : 6
CP of a bag = $\frac{1056}{6} \times 5$ = ₹880
Now, SP of the same bag = ₹800
CP : SP = 880 : 800 = 11 : 10
loss% = $\frac{11-10}{11} \times 100 = \frac{100}{11}$ = 9.09%

Sol.47.(c) 7.14% of 66.67% of 21.84
$= \frac{1}{14} \times \frac{2}{3} \times \frac{546}{25} = \frac{26}{25} = 1.04$

Sol.48.(a) Let the sum = P
Effective CI = $(15 + 15 + \frac{15 \times 15}{100})\%$
$= (30 + 2.25)\% = 32.25\%$
32.25% of P = 967.5
$P = \frac{967.5 \times 100}{32.25}$ = ₹3000

Sol.49.(c) 8% = $\frac{2 \rightarrow Profit}{25 \rightarrow CP}$
25 unit = ₹360
2 unit = $\frac{360}{25} \times 2$ = ₹28.8

Sol.50.(b) Average of the squares of first n natural numbers = $\frac{(n+1)(2n+1)}{6}$
Required average = $\frac{18 \times 35}{6}$ = 105

Sol.51.(c) Divisibility rule of 9:
For any number to be divisible by 9, the sum of its digits should be divisible by 9.
(a) 1474 = 1 + 4 + 7 + 4 = 16, not divisible by 9.
(b) 4124 = 4 + 1 + 2 + 4 = 11 , not divisible by 9.
(c) 4131 = 4 + 1 + 3+1 = 9 , divisible by 9.
(d) 1254 = 1 + 2 + 5 + 4 = 12, not divisible by 9.
So, the correct option is (c)

Sol.52.(b) % Change in revenue
$= (-17 + 17 - \frac{17 \times 17}{100})\% = -\frac{289}{100}$
= -2.89% or 2.89% decrease

Sol.53.(c)
$= \frac{2}{1\times 3} + \frac{2}{3\times 5} + \frac{2}{5\times 7} + ...+ \frac{2}{99\times 101}$
$= 1 - \frac{1}{3} + \frac{1}{3} - \frac{1}{5} + \frac{1}{5} - \frac{1}{7} + ...+ \frac{1}{99} - \frac{1}{101}$
$= 1 - \frac{1}{101} = \frac{100}{101}$

Sol.54.(d) MP : SP = 3000 : 2400 = 5 : 4
Discount% = $\frac{5-4}{5} \times 100 = \frac{100}{5}$ = 20%

Sol.55.(d) Let total work be 100%
% of work done by Anil in 30 days
$= \frac{100}{80} \times 30 = \frac{75}{2}$ = 37.5 %

Sol.56.(a)
(P + Q + R) = 6 + 5 + 9 = 20 unit = 400
(P - R) = 9 - 6 = 3 unit = $\frac{400}{20} \times 3 = 60$

Sol.57.(a) Average of 2 men who left the group = $53 - \frac{9 \times 1}{2} = 53 - 4.5 = 48.5$ yrs

Sol.58.(a) Two digit number which is divisible by 8 = 16, 24, 40.....96
First term(a) = 16, last term(l) = 96,
common difference(d) = 24 - 16 = 8
$l = a + (n - 1)d$
$96 = 16 + (n - 1)8$
$80 = (n - 1)8 \Rightarrow 10 = n - 1 \Rightarrow n = 11$
So, total no of two digit no which is divisible by 8 = 11

Sol.59.(d)
Balancing the given ratio, we have ;

Fruits		Yogurt		Honey
5	:	2	:	**2**
3	:	3	:	1
15	:	6	:	2

So, required ratio = 15 : 2

Sol.60.(c)
Speed $\propto \frac{1}{Time}$ (when distance is constant)

	Old		New	
Speed	6	:	8	= 3 : 4
Time	4	:	3	

4 unit = 4 hrs
Then, 3 unit = $\frac{4}{4} \times 3$ = 3 hrs

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Sol.61.(d) Hey
'Hey!' is used to get someone's attention or alert them to something. Similarly, in this sentence, 'hey!' has been used to alert a person to watch out for that hole. Hence, 'hey' is the most appropriate answer.

Sol.62.(a) owes
'Owe' means to be under a moral obligation to give someone (gratitude, respect, etc.) The given sentence states that your brother owes an apology to me. Hence, 'owes' is the most appropriate answer.

Sol.63.(a) the better therapy for you
'Better' must be replaced with 'best' as article 'the' is used before a superlative degree. Hence, 'the best therapy for you' is the most appropriate answer.

Sol.64.(d) these balloons between
We use 'among' for more than two persons and 'between' for two persons. However, there are more than two candidates mentioned in the given sentence. Hence, 'the balloons among' is the most appropriate answer.

Sol.65.(a) figure out
'Modal verbs' are auxiliary verbs(also called helping verbs) like can, will, could, shall, must, would, might, and should. However, after a modal verb, we generally use the first form of the verb (V_1). Hence, 'figure out(V_1)' is the most appropriate answer.

Sol.66.(c) Ignorance- lack of knowledge or awareness.
Interpretations- the act of explaining or understanding the meaning of something.
Analysis- detailed examination or study of the elements or structure of something.
Insight- deep understanding of a person or thing.
Explanation- a statement or account that makes something clear.

Sol.67.(c) demension
'Dimension' is the correct spelling.

Sol.68.(c) The renowned chef, known for his innovative cullinary
'Culinary' is the correct spelling.

Sol.69.(c) To turn a deaf ear to- to refuse to listen and consider.
E.g.- He turned a deaf ear to their complaints, ignoring their concerns completely.

Sol.70.(b) Divestment- the act of selling off a business.
Investment- to put money into a project in order to make profit.
Outline- a general description or plan showing the essential features of something but not the detail.
Endowment- money that is given to a school, a college or another institution to provide it with an income.
Goody- something that is particularly attractive, pleasurable, good, or desirable.

Sol.71.(b) pleased
'Pleased' means to feel happy and satisfied. The given sentence states that he had always liked this mosque, it was gracious, and the arrangement pleased him. Hence, 'pleased' is the most appropriate answer.

Sol.72.(d) all
None but 'all' can be used before a possessive adjective(his, her, my, etc). Hence, 'all' is the most appropriate answer.

Sol.73.(b) Affluent - rich in resources or luxuries.
lavish - something that is rich, elaborate, or luxurious,
Mundane - ordinary, dull, or lacking excitement.
Destitute - lacking the basic necessities of life.
Regular - occurring at fixed intervals.

Sol.74.(d) were
'Trio' means a group of three people. A collective noun is considered plural when we refer to the members of a group individually and therefore takes a plural verb. Hence, 'were' is the most appropriate answer.

Sol.75.(d) Birds of a feather- similar in many ways.

Sol.76.(d) both
'Both' is used for two entities. In this passage, 'both' has been used for 'trees' and 'ground'. Hence, 'both' is the most appropriate answer.

Sol.77.(b) period
'Late afternoon' is the period before evening, that is somewhere from 4 to 5 O' clock. Hence, 'period' is the most appropriate answer.

Sol.78.(d) about
'Move about' means to move from one place to another. The given passage states that chimps use their hands and feet to move about. Hence, 'about' is the most appropriate answer.

Sol.79.(b) place
'Take place' is a phrasal verb which means to happen or occur. The given passage states that movement over any significant distance usually takes place on the ground. Hence, 'place' is the most appropriate answer.

Sol.80.(b) leaning
'Lean' means to move the top part of the body in a particular direction. The given passage states that chimpanzees more often move about on all fours, leaning forward on the knuckles of their hands. Hence, 'leaning' is the most appropriate answer.

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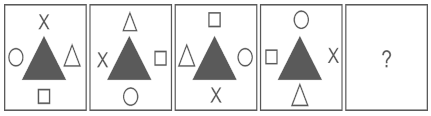
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SSC GD Constable
23/02/2024 (1st Shift)

Reasoning

Q.1. By interchanging the given two signs which of the following equation will be correct?
× and ÷
I. 5 + 6 × 2 - 4 ÷ 1 = 10
II. 9 × 3 - 4 ÷ 2 + 5 = 4
(a) Only II (b) Both I and II
(c) Only I (d) Neither I nor II

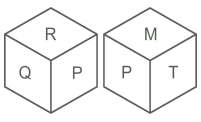
Q.2. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives



(a) 
(b) 
(c) 
(d) 

Q.3. Eight persons Reena, Kiran, Rahul, Deepak, Amit, Vikas, Preeti and Priya sit around a square table such that two persons sit in each of the sides. All the persons are sitting facing the centre of the table. Reena sits on the immediate right of Amit and they both sit on the same side. Preeti faces the one who is second to the left of Kiran. Preeti is sitting fourth to the right of Reena. Two persons sit between Vikas and Deepak (when counted from one side only) and Deepak is adjacent to Amit. Only one person sits between Preeti and Rahul (when counted from one side only). Who is sitting to the immediate left of Deepak?
(a) Vikas (b) Priya (c) Rahul (d) Kiran

Q.4. Two different position of the same dice are given below. Find the letter opposite of M.

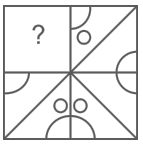


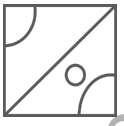
(a) R (b) Q (c) T (d) P

Q.5. In a certain code language, 'LAST' is coded as 'PFWY'. What is the code for 'MEAN' in that code language?
(a) QKES (b) QJFT (c) QJES (d) QJET

Q.6. Six persons P1, P2, P3, P4, P5 and P6 are sitting around a circular table facing towards the centre (not necessarily in the same order). Only two persons are sitting between P2 and P6 from the either sides. Only one person is sitting between P2 and P4. P5 is sitting to the immediate right of P3. P1 is sitting second to the right of P6. Who is sitting on the immediate right of P1?
(a) P6 (b) P5 (c) P4 (d) P2

Q.7. Which answer figure will complete the pattern in the question figure ? (rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.8. In the following question, select the missing number from the given series.
451, 472, 493, 514, ?, 556
(a) 538 (b) 535 (c) 534 (d) 530

Q.9. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
ee_fgghheeffgg_heeffgghheeff _ _hh
(a) ggfh (b) eeff (c) fhgg (d) efgh

Q.10. In the following question, select the missing number from the given series.
64, 72, 45, 109, -16, ?
(a) 205 (b) 200 (c) 208 (d) 180

Q.11. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
MQRT, JNOQ, GKLN, DHIK, ?
(a) ANRS (b) AMRQ (c) AEFH (d) ANTS

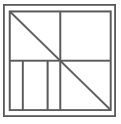
Q.12. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : All cats are mammals.
Statement II : All mammals are animals.
Statement III : All animals are living beings.
Conclusion I : Some cats are living beings.
Conclusion II : All living beings are cats.
(a) Only conclusion II follows
(b) Only conclusion I follows
(c) Both conclusions I and II follow
(d) Neither conclusion I nor II follows

Q.13. If 67 L 50 M 15 N 6 = 27 and 100 L 50 M 13 N 5 = 85, then 6 L 8M4N3=?
(a) 8 (b) 5 (c) 7 (d) 2

Q.14. Arrange the given words in the sequence in which they occur in the dictionary.
1. Change 2. Chance 3. Channel
4. Chant 5. Chancellor
(a) 2, 5, 1, 4, 3 (b) 2, 3, 1, 4, 5
(c) 2, 3, 1, 5, 4 (d) 2, 5, 1, 3, 4

Q.15. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is not allowed)

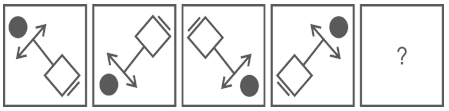


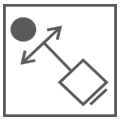
(a) 
(b) 
(c) 
(d) 

Q.16.
"If 'R × S' means 'R is the sister of S'.
If 'R + S' means 'R is the brother of S'.
If 'R ÷ S' means 'R is the daughter of S'.
If 'R - S' means 'R is the husband of S'.
How is H related to J in the expression 'H - F × I ÷ J ?
(a) Sister's husband (b) Son
(c) Daughter's husband (d) Father

Q.17. In the following question, select the related letters from the given alternatives.
BO : AM :: CP : ?
(a) AS (b) YX (c) HI (d) BN

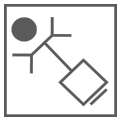
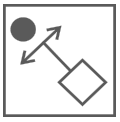
Q.18. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 

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(c)  (d) 

Q.19. In the following question, select the related letter pair from the given alternatives.
ER : ET :: ?
(a) EZ : AV (b) OG : KC
(c) SX : SZ (d) WK : GR

Q.20. In a certain code language, 'PAGES' is coded as '192', 'ABOVE' is coded as '180'. What is the code for 'PRIOR' in that code language?
(a) 304 (b) 296 (c) 308 (d) 312

General Awareness

Q.21. Saikhom Mirabai Chanu is an _____
(a) Indian Boxer (b) Indian Wrestler
(c) Indian weightlifter (d) Indian cyclist

Q.22. What are the two main forms of protection used to shield domestic industries from foreign competition in an inward- looking trade strategy
(a) Tariffs and subsidies
(b) Quotas and subsidies
(c) Tariffs and price controls
(d) Tariffs and quotas

Q.23. India has an open border with which of the following countries?
(a) China (b) Pakistan
(c) Myanmar (d) Nepal

Q.24. In India the financial/fiscal year is taken from_____ .
(a) 1st October to 30th September
(b) 1st April to 31st March
(c) 1st Jan to 31st December
(d) 1st July to 30th June

Q.25. Which album earned Ricky Kej his third Grammy Award?
(a) Harmony of Elements
(b) Divine Tides
(c) Melodies of the Universe
(d) Nature's Symphony

Q.26. In which type of shooting sport do athletes shoot at targets from a distance of 10 meters, 25 meters, and 50 meters?
(a) Archery (b) Rifle shooting
(c) Skeet shooting (d) Biathlon

Q.27. In which state, Kudankulam Nuclear Power Plant is established?
(a) Kerala (b) Bihar
(c) Tamil Nadu (d) Madhya Pradesh

Q.28. The oldest Veda is the Rigveda, composed about _____years ago.
(a) 2500 (b) 5000 (c) 3500 (d) 2000

Q.29. Which among the following Articles of the Indian Constitution deal with 'Right to Freedom of Religion'?
(a) Article 60-65 (b) Article 21-24
(c) Article 25-28 (d) Article 30-35

Q.30. _____ dance form originates from the southern Indian state of Kerala.
(a) Only Mohiniyattam
(b) Kathakali and Mohiniyattam
(c) Only Kuchipudi
(d) Only Kathak

Q.31. Who hosted the 2011 ODI cricket world cup?
(a) Australia
(b) India only
(c) India, Sri Lanka, Bangladesh
(d) Sri Lanka, Bangladesh only

Q.32. In which year did Cripps Mission arrive in India?
(a) 1932 (b) 1922 (c) 1952 (d) 1942

Q.33. Article _____ of the Indian Constitution gives an extensive original jurisdiction to the Supreme Court in regard to enforcement of Fundamental Rights.
(a) 31 (b) 226 (c) 13 (d) 32

Q.34. In August 2023, Neeraj Chopra made history by winning the _____ medal/s in the men's javelin throw event at the World Athletics Championships held in Budapest, Hungary.
(a) bronze (b) silver (c) gold (d) two

Q.35. When Jan Aushadhi Train was flagged off by Dr. Mansukh Mandaviya, Union Minister of Health & Family Welfare and Chemicals & Fertilizers, and Shri Ashwini Vaishnaw, Minister for Railways, Communications, Electronics and Information Technology?
(a) In 2023 (b) In 2020
(c) In 2021 (d) In 2022

Q.36. Fatorpa Zatra and Mando festival are related with which of the following states?
(a) Kerala (b) Karnataka
(c) Madhya Pradesh (d) Goa

Q.37. The Government of National Capital Territory of Delhi (Amendment) Bill, 2023 establishes the National Capital Civil Services Authority, which consists of the Chief Minister, Chief Secretary of Delhi and _____ .
(a) Cabinet Secretary of India
(b) Revenue Secretary of India
(c) Education Minister of Delhi
(d) Principal Home Secretary of Delhi

Q.38. Which of the following gases, when cooled and compressed, can change from a gas to a supercritical fluid state?
(a) Oxygen (O_2)
(b) Hydrogen (H_2)
(c) Carbon dioxide (CO_2)
(d) Steam

Q.39. As per Census 2011, India's population was 121.1 Crore with _____female population.
(a) 42.5 percent (b) 48.5 percent
(c) 44.5 percent (d) 46.5 percent

Q.40. Article 43 : The State shall endeavour to promote cottage industries on an individual or cooperative basis in rural areas, it is a Directive based on_____ Principles.
(a) Intellectual (b) Socialist
(c) Gandhian (d) Liberal

Quantitative Aptitude

Q.41. What is the value of
[36 - (48 × 7 ÷ 16) - (19 + 3 - 24)]?
(a) 15 (b) 13 (c) 17 (d) 11

Q.42. Find LCM of $\frac{9}{4}, \frac{21}{10}, \frac{63}{20}$.
(a) $\frac{21}{2}$ (b) $\frac{2}{63}$ (c) $\frac{85}{7}$ (d) $\frac{63}{2}$

Q.43. M1 alone can do a work in 14 days and M2 alone can do the same work in 70 days. With help of M3, they finish the same work in 7 days. In how many days M3 alone can do the same work?
(a) 20 days (b) 17.5 days
(c) 19 days (d) 21 days

Q.44. If a number R1 is 13 percent less than another number R2 and R2 is 50 percent more than 5600, then what is the value of R1?
(a) 7510 (b) 7308 (c) 7010 (d) 7101

Q.45. If x : y = 7 : 2, then what is the value of (7x + 4y) : (7x - 4y)?
(a) 57 : 41 (b) 40 : 31
(c) 54 : 43 (d) 39 : 29

Q.46. John deposited $1200 in a bank account. After 4 years, the total amount in the account is $1400. Find the rate of simple interest per annum.
(a) 4.17% (b) 6.23% (c) 5.83% (d) 5.13%

Q.47. A group of students has an average weight of 44 kg. One student of weight 40 kg leaves the group and another student of weight 34 kg joins the group. If the new average weight

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becomes 43.4 kg, then how many students are there in the group?
(a) 12 (b) 14 (c) 10 (d) 13

Q.48. What is the value of
555 + 44 × 2 ÷11 - 25 × 3?
(a) 498 (b) 458 (c) 468 (d) 488

Q.49. Mohan buys an old mobile for Rs. 4000 and spends Rs. 500 on its repairs. If he sells the mobile for Rs. 5000, then what is his profit percentage?
(a) 11.11 percent (b) 13.5 percent
(c) 12.5 percent (d) 9.09 percent

Q.50. P can do a work in 14 days. What part of the total work can be done by P in 4 days?
(a) $\frac{4}{9}$ (b) $\frac{2}{7}$ (c) $\frac{3}{8}$ (d) $\frac{6}{7}$

Q.51. The marked price of an article is 25 percent more than its cost price. What maximum discount percentage can be offered by the shopkeeper to sell his article at profit?
(a) 12.5 percent (b) 16.67 percent
(c) 20 percent (d) 25 percent

Q.52. Riya sold a laptop for ₹35000, earning a profit of 25%. If she wanted to earn a profit of 30%, at what price should she have sold the laptop?
(a) Rs. 37200 (b) Rs. 34600
(c) Rs. 36400 (d) Rs. 38400

Q.53. After deducting 10 percent from a certain sum and then deducting 70 percent from the remainder, 1188 is left. What was that sum?
(a) 2200 (b) 5500 (c) 4400 (d) 3300

Q.54. Two trains, one 390 metres and the other 250 metres long are running in opposite directions on parallel tracks, at the speed of 78 km/hr and 66 km/hr respectively. How much time will they take to cross each other?
(a) 36 seconds (b) 16 seconds
(c) 24 seconds (d) 30 seconds

Q.55. Find the fourth proportional of 4x, x + 4, 3x - 1, if x = 2
(a) $\frac{14}{4}$ (b) $\frac{15}{4}$ (c) $\frac{11}{4}$ (d) $\frac{21}{4}$

Q.56. Marked price of an article is Rs. 9600 and its selling price is Rs. 6336. What is the discount percentage?
(a) 34 percent (b) 38 percent
(c) 30 percent (d) 25 percent

Q.57. The average of 28 numbers is 110. If we add a number 'B' in each number, then the average becomes 128. What is the value of B?
(a) 12 (b) 24 (c) 18 (d) 14

Q.58. A solid metallic sphere of radius 15 cm is melted and recast into a cone having diameter of the base as 15 cm. What is the height of the cone?
(a) 212 cm (b) 186 cm
(c) 284 cm (d) 240 cm

Q.59. A person borrowed Rs. 15000 on compound interest at the rate of 30 percent per annum. If the interest is compounded half yearly, then what will be the amount to be paid after 1 year?
(a) Rs.20428.5 (b) Rs.19837.5
(c) Rs.17482.5 (d) Rs.18282.5

Q.60. Three rectangular fields having areas of 70 m², 84 m², and 112 m² are to be divided into identical rectangular flower beds, each having a length of 7 m. Find the breadth of each flower bed.
(a) 4 m (b) 3 m (c) 2 m (d) 6 m

English

Q.61. Choose the most appropriate antonym of the underlined word.
Raw cut leather coats, and ruffles in all shape and sizes provided a **delicate** edge.
(a) petite (b) attractive
(c) laborious (d) crude

Q.62. Choose the option which is antonym of (opposite of) the word "disseminate" in the sentence given below:
He tried to conceal his excitement, but the sparkle in his eyes gave away the joy he felt at the surprise.
(a) sparkle (b) gave (c) felt (d) conceal

Q.63. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To put somebody to sword
(a) To be well-informed or up-to-date
(b) To slay or execute someone
(c) To deceive someone
(d) To give challenge

Q.64. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I would complain to my grandfather about him.
(a) complaining to my
(b) complained to my
(c) No improvement
(d) complains to my

Q.65. Select the most appropriate word to fill in the blank.
My father was very distant, but I suppose all men of his generation _____ .
(a) there (b) was (c) would (d) were

Q.66. Choose the word that is opposite in meaning to the given word.
Abuse
(a) Rebuke (b) Fester
(c) Flowery (d) Applause

Q.67. Select the most appropriate synonym of the given word.
Cognitive
(a) Latent (b) Perceivable
(c) Obscure (d) Private

Q.68. Select the most appropriate word to fill in the blank.
There are _____ techniques you can use to cope and overcome it.
(a) So (b) much (c) many (d) very

Q.69. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/words.
(a) But Campion's sensitivity realized it and he changed the subject rather suddenly.
(b) The judge and the widow went to law to get the court to take me away from him and let one of them be my guardian.
(c) He was wepping hard and quietly and shaking in the same parts as a wepping woman.
(d) But Tommy is a watch-dog about the Divers.

Q.70. Select the sentence with no spelling errors.
(a) Sensational and often reckless reports in the press threaten the fainess of a trial.
(b) Sensational and ofen reckless reports in the press threaten the fairness of a trial.
(c) Sensational and often reckless reports in the press threaten the fairness of a trial.
(d) Sensational and often reckless reports in the press threten the fairness of a trial

Q.71. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no error if there is no error in the sentence.
Her performance in the second round of the competition was even most impressive / than her outstanding debut in the first round.

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(a) Her performance in the second round of the
(b) competition was even most impressive
(c) no error
(d) than her outstanding debut in the first round.

Q.72. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Some bacterial cells on our hands may have genes that enabling them to be resistant to a given antibacterial agent.
(a) No error
(b) may have genes that enabling them
(c) to be resistant to a given antibacterial agent
(d) Some bacterial cells on our hands

Q.73. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
All the boys of this band are **similar in many ways.**
(a) Eats like a bird (b) A piece of cake
(c) Birds of a feather (d) Flocking birds

Q.74. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error".
Many students fails to understand the complexities of life.
(a) No error
(b) Many students fails
(c) complexities of life.
(d) to understand the

Q.75. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
She plans to meet him at the airport.
(a) meets him (b) No improvement
(c) met him (d) meet himself

Cloze Test :
Direction :- [Q.76. to Q.80.]
We should either have prepared ourselves to resist China (76)_____ to make concessions, including border adjustments. We did (77)_____ . After 1956 we would not (78) _____ China's territorial claims and therefore accepted the possibility of a (79)_____ . Unfortunately, we did not build up militarily to thwart China if she chose to use force to sustain her (80)_____ .

Q.76. (a) nor (b) or (c) may be (d) also

Q.77. (a) either (b) pretty much
(c) neither (d) not much

Q.78. (a) collapse (b) offend
(c) ridicule (d) concede

Q.79. (a) harmony (b) contract
(c) clash (d) burning out

Q.80. (a) claims (b) dignify
(c) denial (d) morality

Answer Key :-

1.(d)	2.(c)	3.(b)	4.(b)
5.(c)	6.(d)	7.(b)	8.(b)
9.(c)	10.(b)	11.(c)	12.(b)
13.(d)	14.(d)	15.(b)	16.(c)
17.(d)	18.(a)	19.(c)	20.(a)
21.(c)	22.(d)	23.(d)	24.(b)
25.(b)	26.(b)	27.(c)	28.(c)
29.(c)	30.(b)	31.(c)	32.(d)
33.(d)	34.(c)	35.(a)	36.(d)
37.(d)	38.(c)	39.(b)	40.(c)
41.(c)	42.(d)	43.(b)	44.(b)
45.(a)	46.(a)	47.(c)	48.(d)
49.(a)	50.(b)	51.(c)	52.(c)
53.(c)	54.(b)	55.(b)	56.(a)
57.(c)	58.(d)	59.(b)	60.(c)
61.(d)	62.(d)	63.(b)	64.(c)
65.(d)	66.(d)	67.(b)	68.(c)
69.(c)	70.(c)	71.(b)	72.(b)
73.(c)	74.(b)	75.(b)	76.(b)
77.(c)	78.(d)	79.(c)	80.(a)

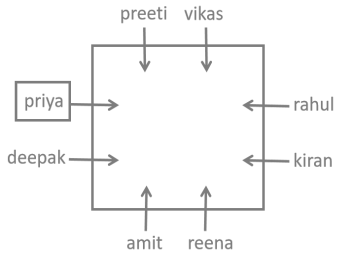
Solutions :-

Sol.1.(d) Given :
I. 5 + 6 × 2 - 4 ÷ 1 = 10
II. 9 × 3 - 4 ÷ 2 + 5 = 4
After interchanging the × and ÷ as per the question, we have:
I. 5 + 6 × 2 - 4 ÷ 1 = 10
LHS ⇒ 5 + 6 ÷ 2 - 4 × 1
⇒ 5 + 3 - 4 = 4 ≠ RHS
II. 9 × 3 - 4 ÷ 2 + 5 = 4
LHS ⇒ 9 ÷ 3 - 4 × 2 + 5
⇒ 3 - 8 + 5 = 0 ≠ RHS
As we can see, neither I nor II is correct.

Sol.2.(c)

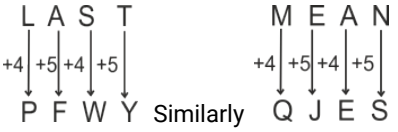


Sol.3.(b)

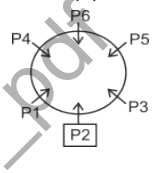


Sol.4.(b) From the given two dices, opposite letters are:
Q↔M, R↔T
Therefore Q is opposite to M.

Sol.5.(c)



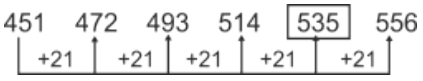
Sol.6.(d)



Sol.7.(b)

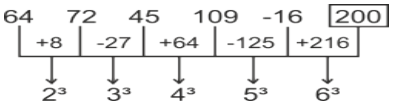


Sol.8.(b)

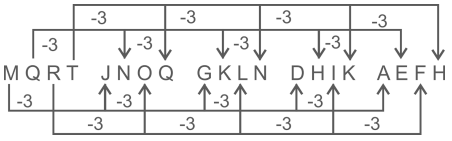


Sol.9.(c) ee**f**fgghh / eeffgg**h**h / eeffgghh / eeff**gg**hh

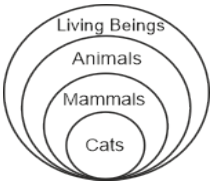
Sol.10.(b)



Sol.11.(c)



Sol.12.(b)



As we can see, only conclusion I follows.

Sol.13.(d) Logic : Interchanging L, M and N with +, -, and × respectively, we get
67 L 50 M 15 N 6 = 27
⇒ 67 + 50 - 15 × 6 = 27
100 L 50 M 13 N 5 = 85

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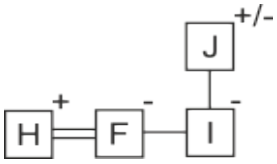
⇒ 100 + 50 - 13 × 5 = 85
Similarly, 6 L 8 M 4 N 3
⇒ 6 + 8 - 4 × 3 = 2

Sol.14.(d) The correct order is:
Chance(2) → Chancellor(5) → Change(1) → Channel(3) → Chant(4)

Sol.15.(b)



Sol.16.(c)

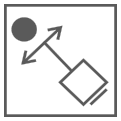


As we can see, H is the husband of J's daughter..

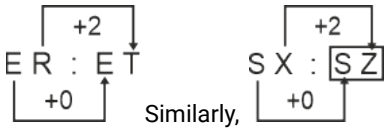
Sol.17.(d)



Sol.18.(a)



Sol.19.(c)



Sol.20.(a) Logic : (Sum of place value of letter) × 4 = given number
PAGES :- (16 + 1 + 7 + 5 + 19)× 4
⇒ (48) × 4 = 192
ABOVE :- (1 + 2 + 15 +22 + 5)× 4
⇒ (45) × 4 = 180
Similarly,
PRIOR :- (16 + 18 + 9 + 15 + 18) × 4
⇒ (76) × 4 = 304

Sol.21.(c) Indian weightlifter. Saikhom Mirabai Chanu won the silver medal at the 2020 Tokyo Olympics in the Women's 49 kg event. She has won gold medals at the World Championships and Commonwealth Games. She was awarded the Padma Shri and Major Dhyan Chand Khel Ratna by the Government of India in 2018.

Sol.22.(d) Tariffs and quotas. Tariff - It is a tax on imported goods. Quota - It refers to fixing the maximum limit on the imports of a commodity by a domestic producer. Inward looking trade strategy is a government policy that aims to reduce a country's reliance on imports and build up its domestic industries. An outward-looking trade strategy is an economic development strategy that focuses on promoting exports and international targets.

Sol.23.(d) Nepal. It shares borders with 5 states of India viz; Uttarakhand, Uttar Pradesh, Bihar, West Bengal, Sikkim. India shares a borderline with Nepal of about 1752 Km. Countries and Indian state's sharing borders : China - Himachal Pradesh, Uttarakhand, Ladakh, Sikkim, and Arunachal Pradesh; Pakistan - Gujarat, Punjab, Rajasthan, Jammu Kashmir and Ladakh; Myanmar - Arunachal Pradesh, Nagaland, Manipur, and Mizoram; Bhutan - Sikkim, West Bengal, Assam, and Arunachal Pradesh.

Sol.24.(b) 1st April to 31st March.
Financial Year is the year in which the income is earned. The assessment year is the year in which the income is assessed to tax and all taxes are paid & tax returns filed. The next year in which the income is assessed to tax is called the Assessment Year.

Sol.25.(b) Divine Tides.
Ram Gyan "Ricky" Kej is an Indian-American music composer and environmentalist of Indian descent and a three-time Grammy Award winner. The Grammy Awards: Awarded for - Outstanding achievements in the music industry, Country - United States, Presented by - The Recording Academy, First awarded - May 4, 1959.

Sol.26.(b) Rifle shooting. Shooting is an important Olympic sport in India. Of India's 35 Olympic medals, four have been awarded in shooting, including a gold medal won by Abhinav Bindra at the 2008 Olympics. The highest governing body of shooting sports in India is National Rifle Association of India (NRAI), which was established on 17 April 1951.

Sol.27.(c) Tamil Nadu. Other Nuclear power plants: Tarapur Atomic Power Station (Maharashtra), Rawatbhata Atomic Power Station (Rajasthan), Kaiga Atomic Power Station (Karnataka), Madras Atomic Power Station (Tamil Nadu) Chennai, Kakrapar Atomic Power Station (Gujarat), Narora Atomic Power Station (Uttar Pradesh).

Sol.28.(c) 3500. The Rig Veda is also the oldest book in Sanskrit or any Indo-European language. It has 1028 hymns called 'Suktas'. It is a collection of 10 books called 'Mandalas.' Four Vedas: The Rig Veda, The Sama Veda, The Yajur Veda, and The Atharva Veda.

Sol.29.(c) Article 25-28. Article 25 - Freedom of conscience and free profession, practice and propagation of religion. Article 26 - Freedom to manage religious affairs. Article 27 - Freedom as to payment of taxes for promotion of any particular religion. Article 28 - Freedom as to attendance at religious instruction or religious worship in certain educational institutions.

Sol.30.(b) Kathakali and Mohiniyattam. Classical Dances and Originating State : Bharatanatyam (Tamil Nadu), Kathak (Uttar Pradesh), Kuchipudi (Andhra Pradesh), Manipuri (Manipur), Odissi (Odisha), Sattriya (Assam).

Sol.31.(c) India, Sri Lanka, Bangladesh. ODI cricket world cup (2011): Administrator(s) - International Cricket Council, Champions - India (2nd title), Runners-up - Sri Lanka, Player of the series - Yuvraj Singh, Most runs (Tillakaratne Dilshan, Sri Lanka, 500), Most wickets - Shahid Afridi (21), Zaheer Khan (21).

Sol.32.(d) 1942. The Cripps Mission was sent by the British government to India to obtain Indian cooperation for the British war efforts in the 2nd World War. It proposed to create a new Indian Union with Dominion status after the War. It offered to set up a Constitution-making body for India after the War.

Sol.33.(d) 32. Article 31 (Right to Property) was repealed and replaced by Article 300A by the 44th Constitutional Amendment Act in 1978. Article 13 - Laws inconsistent with or in derogation of the fundamental rights. Article 226 - Power of High Courts to issue certain writs.

Sol.34.(c) Gold. Neeraj Chopra is an Indian track and field athlete competing in the javelin throw. He is the first Asian athlete to win an Olympic gold medal in javelin and the first Asian to win gold in the World Championships. The World Athletics Championships are a biennial athletics competition organized by World Athletics.

Sol.35.(a) In 2023.

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The train, Chhattisgarh Sampark Kranti Express, has been wrapped with branding of Jan Aushadhi scheme to spread the awareness about Jan Aushadhi Generic medicines which are available through more than 9000 Kendra at affordable prices.

Sol.36.(d) Goa. Fatorpa Zatra is celebrated at the temple of Shantadurga Kuncolienkarinat Fatorpa in quepem taluka. The Mando festival is a celebration of a traditional Goan song-dance performance that combines Indian and Western traditions. Popular festivals of Goa : Shigmo, Goa Carnival, Bonderam, Three Kings Feast, Grape Escapade.

Sol.37.(d) Principal Home Secretary of Delhi. The Government of National Capital Territory of Delhi (Amendment) Act, 2023 also commonly known as Delhi Services Act. It is a bill that extends the Central Government's control of services and gives powers to the Lieutenant Governor of Delhi over the capital city's elected Government. Passed on - 7 August 2023.

Sol.38.(c) Carbon dioxide (CO_2). It is an important heat-trapping gas, also known as a greenhouse gas. A supercritical fluid is a substance that is pressurized above its critical pressure and heated above its critical temperature that simultaneously possesses the combined properties of a liquid and a gas.

Sol.39.(b) 48.5 percent. About Census 2011: Maximum growth rate - Dadra and Nagar Haveli, Most populated state - Uttar Pradesh, Population Density - 382 persons per sq . km, Sex Ratio - 940, Maximum sex ratio - Kerala, Literacy Rate of India - 74.04%, Most literate state - Kerala, Registrar General and Census Commissioner - CM Chandramauli.

Sol.40.(c) Gandhian. The Directive Principles of State Policy Part-IV (Articles 36-51) incorporate the Gandhian principles of promoting cottage industries in rural areas and organizing village panchayats. They are borrowed from the Constitution of Ireland.

Sol.41.(c)
[36 - (48 × 7 ÷ 16) - (19 + 3 - 24)]
[36 - 21 + 2)] = 17

Sol.42.(d) LCM of $(\frac{9}{4}, \frac{21}{10}, \frac{63}{20})$
$= \frac{LCM\ of\ (9, 21, 63)}{HCF\ of\ (4, 10, 20)} = \frac{63}{2}$

Sol.43.(b)



Efficiency of M3 = 10 - (1 + 5) = 4 unit
Time taken by M3 alone to complete the whole work = $\frac{70}{4}$ = 17.5 days

Sol.44.(b) ATQ, R1 = 87% of R2
$\frac{R1}{R2} = \frac{87}{100}$
R2 = 150% of 5600
R2 = 8400
100 unit ---------- 8400
87 unit ---------- $\frac{8400}{100}$ × 87 = 7308
So, R1 = 7308

Sol.45.(a) $(7x + 4y) : (7x - 4y)$
= (7 × 7 + 4 × 2) : (7 × 7 - 4 × 2) = 57 : 41

Sol.46.(a)
SI for 4 yrs = 1400 - 1200 = $200
SI for 1 yr = $\frac{200}{4}$ = $50
rate% = $\frac{50}{1200}$ × 100 = 4.17%

Sol.47.(c) Net Deviation in the weight of new students = +4 - 10 = - 6
Change in average of students
= 44 - 43.4 = 0.6
Total no of students = $\frac{6}{0.6}$ = 10

Sol.48.(d) 555 + 44 × 2 ÷ 11 - 25 × 3
555 + 8 - 75 = 488

Sol.49.(a) Total CP of old mobile
= 4000 + 500 = ₹4500
SP of the old mobile = 5000
Required profit% = $\frac{5000 - 4500}{4500}$ × 100
= $\frac{100}{9}$ = 11.11%

Sol.50.(b) Let the total work be 1 unit
Part of the total work done by P in 4 days
= $\frac{1}{14}$ × 4 = $\frac{2}{7}$

Sol.51.(c) Maximum discount %
$\frac{125-100}{125}$ × 100 = $\frac{25}{125}$ × 100 = 20%

Sol.52.(c) Let CP of a laptop be 100%
125% ---------- ₹35,000
130% ---------- $\frac{35,000}{125}$ × 130 = ₹36400

Sol.53.(c) Let the sum be 100%
Net % change = - (10 + 70 - $\frac{10 \times 70}{100}$)%
= - (80 - 7)% = -73%
100 - 73 = 27% ---------- 1188
100% ---------- $\frac{1188}{27}$ × 100 = 4400

Sol.54.(b) Relative speed, when running in opposite directions = 78 + 66 = 144 km/hr = 144 × $\frac{5}{18}$ = 40 m/sec
Time taken to cross each other
= $\frac{390 + 250}{40}$ = $\frac{640}{40}$ = 16 sec

Sol.55.(b) Fourth proportional of
$(4x, x + 4, 3x - 1) = \frac{(3x-1)(x+4)}{4x}$
Putting x = 2, we have ;
$\frac{(3 \times 2 - 1)(2 + 4)}{4 \times 2} = \frac{5 \times 6}{8} = \frac{15}{4}$

Sol.56.(a) MP : SP = 9600 : 6336
= 50 : 33
Discount% = $\frac{50 - 33}{50}$ × 100 = $\frac{17}{50}$ × 100
= 34%

Sol.57.(c) Concept :
If we add a number 'n' in each number , then the average also increases by n.
Change in average, when 'B' is added in each number = 128 - 110 = 18
So, the value of B = 18

Sol.58.(d) Let the height of cone be 'h'
ATQ,
Volume of sphere = Volume of cone
$\frac{4}{3}\pi \times 15^3 = \frac{1}{3}\pi \times \frac{15}{2} \times \frac{15}{2} \times h$
4500 = $\frac{75}{4}$h ⇒ h = $\frac{4500 \times 4}{75}$ = 240 cm

Sol.59.(b) Rate for half yrs = $\frac{30}{2}$ = 15%
Effective CI for 1 yr
= (15 + 15 + $\frac{15 \times 15}{100}$)% = 32.25%
So, the amount to be paid after 1 yr
= 132.25% of 15000 = ₹19,837.5

Sol.60.(c)
Maximum area of identical rectangular flower beds = HCF of (70, 84, 112) = 14
So, the breadth of each flower bed = $\frac{14}{7}$
= 2 m

Sol.61.(d) Crude - a natural or unfinished state.
Delicate - fine in texture, quality, construction.
Petite - small and thin in an attractive way.
Laborious - needing a lot of time and effort.

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Sol.62.(d) Conceal - to hide something /somebody.
Disseminate - to spread or distribute information or something widely.
Sparkle - to shine brightly with a lot of small points of light.

Sol.63.(b) To put somebody to sword - To slay or execute someone
E.g.- King ordered his soldiers to put all the rebels to the sword.

Sol.64.(c) No improvement.
The given sentence is grammatically correct.

Sol.65.(d) Were

Sol.66.(d) Applause - signifies praise, approval, or positive recognition.
Abuse - to harsh, insulting, or harmful language.
Rebuke - to speak angrily, criticize or scold.
Fester - to become infected.

Sol.67.(b) Perceivable - something that can be understood or recognized.
Cognitive - mental processes like thinking, understanding.
Latent - existing, but not yet very noticeable.
Obscure - not easy to see or understand.

Sol.68.(c) many
We use 'much' with singular uncountable nouns. However, 'many' is used with countable nouns. Similarly, 'techniques' in the given sentence is a plural noun. Hence, 'are many techniques' is the most appropriate answer.

Sol.69.(c) He was wepping hard and quietly and shaking in the same parts as a wepping woman.
'Weeping' is the correct spelling.

Sol.70.(c) Sensational and often reckless reports in the press threaten the fairness of a trial.
'Often', 'threaten' and 'fairness' are the correct spellings.

Sol.71.(b) competition was even most impressive
'Most' should be replaced by comparative degree 'more'. When we do a comparison between two things we use comparative degree. Hence 'even more impressive' is the most appropriate answer.

Sol.72.(b) may have genes that enabling them
'Enabling' must be replaced with 'enable'.Hence 'may have genes that enable them' is the most appropriate answer.

Sol.73.(c) Birds of a feather - similar in many ways.

Sol.74.(b) Many students fails
The subject 'Many students' is plural, so the verb should be plural as well. The correct form of the verb is 'fail' instead of 'fails'. Hence 'Many students fail' is the most appropriate answer.

Sol.75.(b) No improvement
The given sentence is grammatically correct.

Sol.76.(b) or
'Either ... .or' is a conjunction pair that is used only for two subjects.The given passage states that we should either have prepared ourselves to resist China or to make concessions, including border adjustments. Hence 'or 'is the most appropriate answer.

Sol.77.(c) neither
The given passage states that after being presented with two options (preparing to resist or making concessions), neither of these actions was taken. Hence 'neither' is the most appropriate answer.

Sol.78.(d) concede
'Concede' means to give in or accept something.The given passage states that we would not concede China's territorial claims and therefore accepted the possibility of a clash. Hence 'concede' is the most appropriate answer.

Sol.79.(c) clash
The given passage states that we would not concede China's territorial claims and therefore accepted the possibility of a clash. Hence 'clash' is the most appropriate answer.

Sol.80.(a) claims
The given passage states that unfortunately, we did not build up militarily to thwart China if she chose to use force to sustain her claims .Hence 'claims' is the most appropriate answer.

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SSC GD Constable 23/02/2024 (2nd Shift)

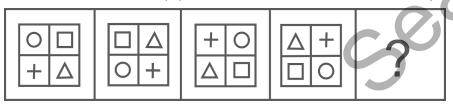
Reasoning

Q.1. In the following question, three statements are given followed by two conclusions numbered I and II. Assuming the given statements to be true, even if they seem to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.
Statements I : Some trains are cars.
Statements II : Some cars are trucks.
Statements III : Some trucks are ships.
Conclusions I : Some trains are ships.
Conclusions II : Some ships are not cars.
(a) Neither conclusion I nor II follows
(b) Only conclusion II follows
(c) Both conclusion I and II follow
(d) Only conclusion I follows

Q.2. In a certain code language, 'POLISH' is written as 'FSGLMP'. How will 'PRAISE' be written in the same code language ?
(a) CSGAPP (b) CGSAPP
(c) CSGPAP (d) CSGAPO

Q.3. Five friends P, B, C, G and H are sitting around a circular table facing the centre. H is sitting immediate right of C. B sits third to the left of H. P is not the nearest neighbour of C. Who is sitting immediate right of H ?
(a) B (b) P (c) C (d) G

Q.4. Select the figure from the given options which will come in place of question mark (?) in the figure series.



(a) 
(b) 
(c) 
(d) 

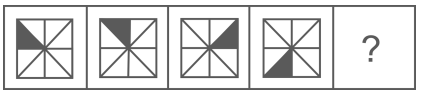
Q.5. Seven girls P, Q, R, S, T, U and V are sitting around a circular table facing outside the centre (but not necessarily in the same order). P is the nearest neighbour of both Q and R. S is the nearest neighbour of neither R nor T. V is the nearest neighbour of both T and U. V sits second to the right of S. Who is sitting immediate left of S ?
(a) U (b) V (c) Q (d) P

Q.6. In the following question, select the related letters from the given alternatives.
TGX : SFW :: BOR : ?
(a) SUY (b) ZXY (c) ANQ (d) NMN

Q.7. In a certain code language, 'IDC' is written as '216', and 'JBH' is written as '320'. How will 'GOF' be written in that code language ?
(a) 1260 (b) 1180 (c) 1290 (d) 1200

Q.8. Which of the following set of letters when arranged sequentially from left to right will complete the below series ?
xy_yzxyyyzxyy_zxyyyz_yyy_
(a) yyxz (b) yzyy (c) yxyx (d) zzyy

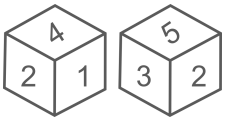
Q.9. Select the figure from the given options which can be placed at the place of question mark (?) in the given figure series.



(a) 
(b) 
(c) 
(d) 

Q.10. Arrange the given words in English alphabetical order.
1. HEIGHT 2. HINGE 3. HORSE
4. HATE 5. HUSTLE
(a) 4, 1, 2, 3, 5 (b) 4, 1, 2, 5, 3
(c) 4, 3, 2, 1, 5 (d) 4, 5, 3, 2, 1

Q.11. Below are two positions of a die. Which of the following options will appear on the opposite face to the face with '1' ?



(a) 4 (b) 5 (c) 3 (d) 6

Q.12. Three positions of the same dice are given below. Which of the following options will come on the face opposite to the face having 'D' ?



(a) B (b) F (c) A (d) C

Q.13. If 8 R 4 S 3 T 2 = 31 and 19 R 11 S 30 T 8 = 187, then 6 R 3 S 8 T 5 = ?
(a) 15 (b) 18 (c) 20 (d) 21

Q.14. Which of the following numbers will come in place of question mark (?) in the given series ?
52, 49, 45, 40, 34, 27, ?
(a) 18 (b) 19 (c) 17 (d) 15

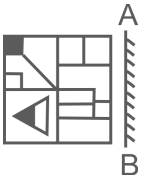
Q.15. Which of the following letters will come in place of question mark (?) in the given series ?
H, I, L, Q, X, ?
(a) C (b) G (c) E (d) A

Q.16. From the following options select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
Pineapple : Fruit :: Sprite : Drink :: Avocado : ?
(a) Vegetables (b) Sweets
(c) Fruits (d) Grain

Q.17. In the following question, select the missing number from the series from the given options.
104, 126, 148, 170, 192, ?
(a) 213 (b) 214 (c) 210 (d) 218

Q.18. Pointing to a boy, Sunita said, "He is the son of my husband's daughter's sister". How is that boy's father related to Sunita ?
(a) Daughter's husband (b) Son
(c) Brother (d) Daughter's son

Q.19. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure ?



(a) 
(b) 
(c) 
(d) 

Q.20. Which two signs in the given options should be interchanged to make the following equation correct ?
5 - 2 ÷ 4 + 9 × 3 = 0
(a) - and ÷ (b) × and ÷
(c) = and × (d) + and -

General Awareness

Q.21. Who among the following was the last ruler of the Maurya Empire ?
(a) Ashoka (b) Chandragupta Maurya
(c) Brihadratha (d) Bindusara

Q.22. In which year the Second Anglo -

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Burmese War was fought ?
(a) 1552 (b) 1652 (c) 1752 (d) 1852

Q.23. Which one of the following statements regarding classification of government expenditure is correct ?
I. Revenue expenditure is expenditure made for purposes other than the creation of physical or financial assets of the Central Government.
II. Capital expenditure results in the creation of physical or financial assets or the reduction of financial liabilities.
(a) Both I and II (b) neither I nor II
(c) only II (d) only I

Q.24. Which of the following sports does Indian player Shafali Verma play ?
(a) Badminton (b) Cricket
(c) Volleyball (d) Hockey

Q.25. Which of the following dances is performed by Kuruba men in Karnataka ?
(a) Chhau (b) Fugdi
(c) Bagurumba (d) Dollu kunitha

Q.26. According to the 2011 census, which of the following states has the highest population growth ?
(a) Bihar (b) Meghalaya
(c) Madhya Pradesh (d) Uttar Pradesh

Q.27. Liquids flow and change shape, they are not solid and hence they are also called _____ .
(a) mixtures (b) liquid
(c) solution (d) liquefied

Q.28. In which one of the following Articles of the Indian Constitution the Supreme Court has been described as a court of record ?
(a) Articles 125 (b) Articles 127
(c) Articles 129 (d) Articles 123

Q.29. Which of the following country hosted the Sultan of Johor Cup, 2023 ?
(a) Malaysia (b) India
(c) Cambodia (d) Singapore

Q.30. In which of the following years, extreme poverty in India started decreasing due to rapid economic growth ?
(a) 1994 (b) 1993 (c) 1991 (d) 1992

Q.31. The 2010 Commonwealth Games in India were held in _____ .
(a) Lucknow (b) New Delhi
(c) Chandigarh (d) Mumbai

Q.32. Which Indian dance artist won the Sangeet Natak Akademi Award in 2018 for String puppetry ?
(a) Anupama Hoskere
(b) Surupa Sen
(c) Tapan Kumar Pattanayak
(d) Dr. Aruna Mohanty

Q.33. The concept of the _____is taken from the Constitution of the then Union of Soviet Socialist Republics (USSR).
(a) Preamble
(b) Both Fundamental Duties and Fundamental Rights
(c) Fundamental Duties
(d) Fundamental Rights

Q.34. Rann Utsav promotes the natural beauty of the wonderful region of _____ and other famous tourist places. During the full moon night in the winter season, the white sand desert looks even more enchanting.
(a) Kutch (b) Andaman
(c) Malabar (d) Odisha

Q.35. Who was sworn in as the 50th Chief Justice of India ?
(a) Kiren Rijiju (b) U.U. Lalit
(c) D.Y. Chandrachud (d) Kapil Sibal

Q.36. Who among the following is famous for playing percussion instrument tabla ?
(a) Bismillah Khan (b) Ali Ahmed Hussain
(c) Allah Rakha (d) Ayodhya Prasad

Q.37. Which of the following statements is correct regarding the Digital Personal Data Protection Bill, 2023 ?
I. This Bill will apply to the processing of digital personal data in India whether by collecting and digitising the data online or offline.
II. This will also apply to processing outside India for the purpose of providing goods or services in India.
(a) Only II (b) Both I and II
(c) Only I (d) neither I nor II

Q.38. How many priorities has the Government of India adopted in Budget 2023-24 ?
(a) five (b) nine (c) six (d) seven

Q.39. The growth rate target for the Twelfth Five-Year Plan was _____.
(a) 6% (b) 7% (c) 5% (d) 8%

Q.40. At the time of independence, about _____percent of the country's population was dependent on agriculture.
(a) 75 (b) 40 (c) 20 (d) 90

Quantitative Aptitude

Q.41. What will be the compound interest (compounded annually) on a principal sum of Rs. 72000 for 3 years at the rate of 16 percent per annum ?
(a) Rs. 42248.64 (b) Rs. 40384.51
(c) Rs. 38245.22 (d) Rs. 36574.31

Q.42. A certain distance is covered at a certain speed. If twice this distance is covered in six times the time, find the ratio of the two speeds.
(a) 2 : 1 (b) 3 : 1 (c) 3 : 4 (d) 4 : 5

Q.43. If P is 15 percent less than Q, then what percent is Q more than P ?
(a) 17.64 percent (b) 15.46 percent
(c) 16.64 percent (d) 18.44 percent

Q.44. The average of three numbers X, Y and Z is 54. X is 10 more than the average of Y and Z. Y is 12 more than the average of Y and Z. What is the difference between X and Z ?
(a) 26 (b) 22 (c) 18 (d) 24

Q.45. Which of the following numbers is not divisible by 8 ?
(a) 5896 (b) 6044 (c) 6032 (d) 5968

Q.46. A seller marks his goods at a price 40% higher than the purchase price. If he gives a discount of 30%, what is the loss percentage ?
(a) 2.5% (b) 2% (c) 3% (d) 1.5%

Q.47. If the average of 24, 28, 27, 23, D and E is 29, then what is the average of D and E ?
(a) 35 (b) 36 (c) 37 (d) 38

Q.48. Evaluate $14 - 3 \times (5 + 2) \div 4$
(a) 5.72 (b) 11.36 (c) 8.75 (d) 6.29

Q.49. Gaurav is four times more efficient than Shambhu. Gaurav takes 67.5 days less than Shambhu to complete a piece of work. If both of them work together, in how many days will the same work be completed ?
(a) 25 days (b) 55 days
(c) 18 days (d) 90 days

Q.50. In an examination Naveen got 21 percent marks and failed by 25 marks. If he gets 46 percent marks, he fails by 5 marks. What is the maximum marks of the exam ?
(a) 100 (b) 60 (c) 80 (d) 120

Q.51. The ratio of selling price and cost price is 7 : 11. What is the loss percent ?
(a) 33.33 percent (b) 36.36 percent
(c) 35.08 percent (d) 27.58 percent

Q.52. A certain sum of money at simple interest becomes Rs. 1060 in 2.5 years and Rs. 1000 in 1 year. What is the annual rate of interest ?
(a) 5.28 percent (b) 6.28 percent
(c) 5.45 percent (d) 4.17 percent

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Q.53. $\frac{1}{4}$ of the marked price is equal to $\frac{2}{3}$ of the selling price. What is the discount percentage ?
(a) 65 Percent (b) 62.5 Percent
(c) 60 Percent (d) 50 Percent

Q.54. Find the value of $11\frac{1}{2} + 12\frac{1}{2} + 13\frac{1}{2} + 14\frac{1}{2}$?
(a) 49 (b) 52 (c) 57 (d) 50

Q.55. The diagonals of a rhombus are 10 cm and 30 cm respectively. What is the area of the rhombus ?
(a) 100 cm² (b) 105 cm²
(c) 75 cm² (d) 150 cm²

Q.56. Avinash can make a machine eleven times as fast as Bipin and takes 100 days less than Bipin to make the machine. In how many days can Avinash and Bipin build the machine individually ?
(a) 20 and 120 Days (b) 10 and 110 Days
(c) 15 and 105 Days (d) 15 and 115 Days

Q.57. Rs 17600 is divided among Raja, Ram and Mohan in the ratio of 6 : 7 : 9 respectively. What is Mohan's share in this ?
(a) Rs 4000 (b) Rs 4800
(c) Rs 5600 (d) Rs 7200

Q.58. A mixture of 120 litres contains water and milk in the ratio 5 : 7 respectively. How much water must be added to the mixture to make the ratio of water and milk 1 : 1 respectively ?
(a) 10 litres (b) 25 litres
(c) 15 litres (d) 20 litres

Q.59. Pankaj bought two bikes, the first bike for Rs 24000 and the second bike for Rs 20000. He sold the first bike at a profit of 20 percent and the second bike at a loss of 30 percent. What is the total profit or loss ?
(a) Profit = Rs. 1400 (b) Loss = Rs. 1400
(c) Loss = Rs. 1200 (d) Profit = Rs. 1200

Q.60. Find the value of $0.\overline{5} + 0.\overline{3}$?
(a) $\frac{7}{9}$ (b) $\frac{3}{4}$ (c) $\frac{8}{9}$ (d) $\frac{2}{3}$

English

Q.61. The sentence has been divided into three parts, identify the segment which contains a spelling error in the sentence given below. Choose no error if there is no error in the sentence.
The college relied on the/ patronege of its wealthy graduates/ to expand its funds.
(a) no error
(b) patronege of its wealthy graduates
(c) The college relied on the
(d) to expand its funds.

Q.62. Select the most appropriate antonym of the given word.
Abscond
(a) Guilty (b) Tarnish
(c) Appear (d) Clear Out

Q.63. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
Wopsle had gone farthest, / and had better stop in his reckless career / while there was yet time.
(a) and had better stop in his reckless career
(b) Wopsle had gone farthest,
(c) while there was yet time.
(d) No error

Q.64. Select the most appropriate synonym of the given word.
Lewis asked (tactlessly), as he did not know that the motive was.
(a) Civilly (b) Bluntly
(c) Blissfully (d) Ignorantly

Q.65. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/ Phrase.
To come into the open
(a) To leave the work
(b) To accept the challenge
(c) To become public or evident
(d) To open new business

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I am looking forward to meet you at the conference tomorrow.
(a) I am looking forward
(b) to meet you
(c) at the conference tomorrow.
(d) No error

Q.67. Select the most appropriate word to fill in the blank.
_____useful gadgets should find a home in every kitchen.
(a) There (b) These (c) This (d) They

Q.68. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
I can't stand **a passenger in a car who gives unwanted advice to the driver,** like my mother-in-law.
(a) Backseat driver
(b) Up in arms
(c) Tongue And Cheek
(d) Make No Bones About

Q.69. Select the most appropriate antonym of the given word.
Passable
(a) Middling (b) Inadequate
(c) Particular (d) Lavish

Q.70. Fill in the blank with the most appropriate option.
Who am I and_____am I? A nobody, not wanted by any one, nor of use to anybody.
(a) why (b) whom (c) what (d) when

Q.71. Choose the word that is opposite in meaning to the given word.
Craving
(a) Alarm (b) Satisfaction
(c) Pining (d) Palate

Q.72. Improve the underlined part of the sentence. Choose 'No improvement as an answer if the sentence is grammatically correct.
I <u>asleep in and</u> missed the bus!
(a) No improvement (b) sleeps in and
(c) sleep in or (d) slept in and

Q.73. Select the incorrectly spelt word from the given sentence.
The experiences gained by the Americans in the Civil War helped to conferm this preconception.
(a) preconception (b) experiences
(c) conferm (d) gained

Q.74. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
Even as a boy Alexander <u>has fearless</u> and strong.
(a) is fearlessly (b) was fearless
(c) No improvement (d) were fearless

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Some kinds of health crises does have political consequences.
(a) crises does have
(b) political consequences.
(c) Some kinds of health
(d) No error

Cloze Test :
Direction :- [Q.76. to Q.80.]
Natural disasters are (76)_____by natural processes and are not always affected by the human consequences. However, the vulnerability of any region is always affected by non-engineered structures.Thus, there is a need to (77)

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_____the proper mitigation strategies by adopting scientific and engineering solutions to reduce the associated risks. A Seismic Microzonation study is important (78)_____it helps to generate inputs for constructing earthquake risk resilient buildings /infrastructures /dwellings to reduce and mitigate the (79)_____of earthquake shaking and for minimizing the damages to structures and loss of lives for (80)_____urban planning.

Q.76. (a) called (b) intrigued
(c) wearied (d) triggered

Q.77. (a) intel (b) halt
(c) fabricate (d) devise

Q.78. (a) or (b) So (c) that (d) as

Q.79. (a) noise (b) impacts
(c) face (d) clashes

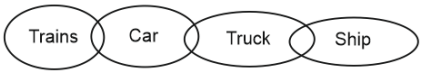
Q.80. (a) safest (b) safer
(c) safety (d) safely

Answer Key :-

1.(a)	2.(a)	3.(b)	4.(d)
5.(c)	6.(c)	7.(a)	8.(a)
9.(c)	10.(a)	11.(b)	12.(b)
13.(a)	14.(b)	15.(b)	16.(c)
17.(b)	18.(a)	19.(c)	20.(b)
21.(c)	22.(d)	23.(a)	24.(b)
25.(b)	26.(b)	27.(b)	28.(c)
29.(a)	30.(c)	31.(b)	32.(a)
33.(c)	34.(a)	35.(c)	36.(c)
37.(b)	38.(d)	39.(d)	40.(a)
41.(b)	42.(b)	43.(a)	44.(b)
45.(b)	46.(b)	47.(b)	48.(c)
49.(c)	50.(c)	51.(b)	52.(d)
53.(b)	54.(b)	55.(d)	56.(b)
57.(d)	58.(d)	59.(c)	60.(c)
61.(b)	62.(c)	63.(b)	64.(b)
65.(c)	66.(b)	67.(b)	68.(a)
69.(b)	70.(c)	71.(b)	72.(d)
73.(c)	74.(b)	75.(a)	76.(d)
77.(d)	78.(d)	79.(b)	80.(b)

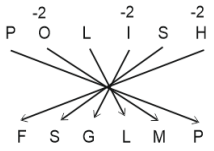
Solutions :-

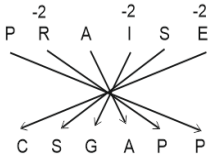
Sol.1.(a)



Neither conclusion I nor II follows.

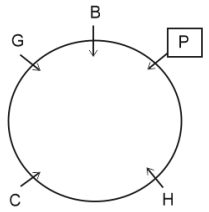
Sol.2.(a)





Similarly,

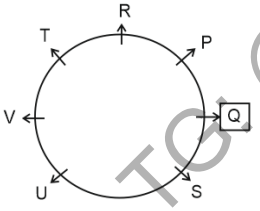
Sol.3.(b)



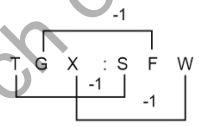
Sol.4.(d)

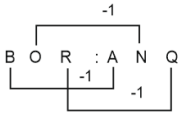


Sol.5.(c)



Sol.6.(c)





Similarly,

Sol.7.(a) Logic :- (Multiplication of place value of letters) × 2

IDC :- (9 × 4 × 3) ⟶ (108) × 2 = 216

JBH :- (10 × 2 × 8) ⟶ (160) × 2 = 320

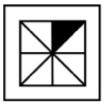
Similarly,

GOF :- (7 × 15 × 6) ⟶ (630) × 2 = 1260

Sol.8.(a)

xy**y**yz / xyyyz / xyy**y**z / xyyyz / **x**yyy**z**

Sol.9.(c)



Sol.10.(a) The correct order is

Hate(4) → Height(1) → Hinge(2) → Horse(3) → Hustle(5)

Sol.11.(b) From both the dice the opposite faces are

4 ↔ 3 , 1 ↔ 5

Sol.12.(b)

From 1st and 2nd dice A and B are common so the opposite face of D is F.

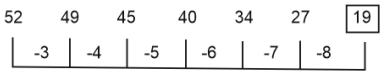
Sol.13.(a) Logic :- By replacing R , S and T with × , - and + respectively we get,

8 R 4 S 3 T 2 ⟶ 8 × 4 - 3 + 2 = 31

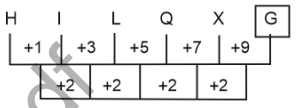
19 R 11 S 30 T 8 ⟶ 19 × 11 - 30 + 8 = 187

Similarly, 6 R 3 S 8 T 5 ⟶ 6 × 3 - 8 + 5 = 15

Sol.14.(b)

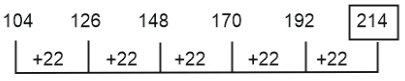


Sol.15.(b)

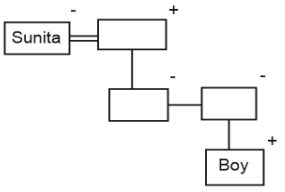


Sol.16.(c) As pineapple is a fruit and sprite is a drink similarly avocado is a fruit.

Sol.17.(b)



Sol.18.(a)



It is clear from the above expression that the boy's father, Sunita's Daughter's husband.

Sol.19.(c)



Sol.20.(b) Given :- 5 - 2 ÷ 4 + 9 × 3 = 0

After checking all options one by one, only option (b) satisfied. After interchanging × and ÷ we get,

5 - 2 × 4 + 9 ÷ 3 = 0

L.H.S. = 5 - 2 × 4 + 9 ÷ 3

= 5 - 8 + 3 = 0 = R.H.S.

Sol.21.(c) Brihadratha. Mauryan Empire (322 BCE- 184 BCE): Capital: Patliputra. Rulers and their Contributions: Chandragupta Maurya (322 BCE - 298 BCE) - Founder of Mauryan Empire. Ashoka (273 BCE –232 BCE) - first ruler to maintain direct contact with his people

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through his inscriptions. Brihadratha (187 BCE - 184 BCE) was assassinated by his Brahman commander, Pushyamitra Shunga, who then founded the Shunga Empire.

Sol.22.(d) 1852. Anglo-Burmese War conflict was between British India and Burma. The Second Anglo-Burmese War was fought during the times of Lord Dalhousie. The First War (1824-26) ended with the treaty of Yandabo (February 1826).

Sol.23.(a) Both I and II. Capital expenditure includes expenditure on the acquisition of land, building, machinery, equipment, investment in shares, and loans and advances by the central government to state and union territory governments, PSUs and other parties.

Sol.24.(b) Cricket. Shafali Verma became the youngest Indian to play a T20 at the age of 15 in 2019. Other Indian female Cricket players: Harmanpreet Kaur, Smriti Mandhana, Deepti Sharma, Jemimah Rodrigues, Yastika Bhatia.

Sol.25.(d) Dollu kunitha. It is associated with the worship of Sree Beeralingeshwara (Lord Shiva), originated in the rituals of the Kuruba Gowda community of North Karnataka. State and their folk dances: Karnataka - Kamsale Nrutya, Gaarudi Gombe, Veeragase. Assam - Bagurumba, Odisha - Chhau, Goa - Fugdi.

Sol.26.(b) Meghalaya. Census 2011: Meghalaya - Population Growth rate is 27.95%, Sex Ratio - 989, Child Sex Ratio - 970, Density/km^2- 132, Literacy - 74.43 %, Male Literacy - 75.95 %, Female Literacy - 72.89 %.

Sol.27.(b) liquid. Liquids and Gases can flow and are therefore called fluids. Mixtures - A combination of two or more substances in any proportions. Solution - Homogeneous mixtures of two or more than two components. Liquefaction - Change of vapours on cooling to liquid.

Sol.28.(c) Article 129. Article 123 - Power of President to promulgate Ordinances during recess of Parliament. Article 124 - Establishment and Constitution of Supreme Court. Article 125 - Salaries, allowances, and other benefits for judges. Article 127 - The President of India appoints ad hoc judges in the Supreme Court.

Sol.29.(a) Malaysia. Sultan of Johor Cup (Hockey): Winner - Germany, Runnerup - Australia, Indian team - Bronze Medal. India won the Johor Bahru Cup three times: 2013, 2014, and 2022 (the Sultan of Johor Cup by defeating Australia).

Sol.30.(c) 1991. India launched a New Economic Policy based on the LPG (Liberalisation, Privatisation and Globalisation) model to the economic crisis in 1991. The prime architect of 1991 liberalisation was Manmohan Singh. There is a substantial decline in poverty ratios in India from about 45 per cent in 1993-94 to 37.2 per cent in 2004-05.

Sol.31.(b) New Delhi. This was the first time India has hosted the Games and only the second time the event has been held in Asia (Kuala Lumpur in 1998 was the first). The event was first held in 1930. 22nd (2022) - Birmingham (England). 23rd (2026) - Victoria (Australia).

Sol.32.(a) Anupama Hoskere. Award : Padma Shri (2024). She founded the Dhaatu Puppet Theater, Bengaluru. Surupa Sen - Odissi dancer. Tapan Kumar Pattanayak - Chhau dancer, Sangeet Natak Akademi Award (2018). Dr. Aruna Mohanty - Odissi dancer.

Sol.33.(c) Fundamental Duties (Article 51-A, Part IV-A). They were incorporated in the Constitution by the 42nd Constitutional Amendment Act, 1976 on the recommendations of the Swaran Singh Committee. Initially, they were 10 fundamental duties. 11th duty was added by the 86th Amendment Act, 2002. The preamble and Fundamental Rights of the Indian constitution is taken from the constitution of the USA.

Sol.34.(a) Kutch. Other fairs and festivals of Gujarat: International Kite Festival (Celebrated during Makar Sankranti), Vathua Mela (animal trading festival), Tarnetar fair (Based on the legend of Draupadi's Swayamvara), Megh Malhar Parv Saputara (Beginning of Monsoon), Dang Darbar Fair (by Dangs tribe).

Sol.35.(c) D.Y. Chandrachud. Facts about Chief Justice of India (CJI): Qualifications - Must have at least five years as a Judge of a High Court or of two or more such Courts in succession, or at least ten years as an advocate of a High Court or of two or more such Courts in succession. Appointed by - The President of India under Article 124(2).

Sol.36.(c) Allah Rakha. Award : Padma Shri (1977), Sangeet Natak Akademi Awards (1982). Gharana - Punjab . Other maestro: Tabla - Zakir Hussain, Anindo Chatterjee, Pt. Kishan Maharaj , Pt. Swapan Chaudhuri. Shehnai - Ali Ahmed Hussain, Bismillah Khan. Pakhawaj - Ayodhya Prasad.

Sol.37.(b) Both I and II. The Digital Personal Data Protection Act is based on the 2018 report by Justice BN Srikrishna's committee. Key Stakeholders : Data Principal (the data owner), Data Fiduciary (A data collecting, storing, and sharing entity), Data Processor (an entity processing the data on behalf of a data fiduciary), Data Protection Officer.

Sol.38.(d) seven. The 7 priorities of the budget 'Saptarishi' are inclusive development, reaching the last mile, infrastructure and investment, unleashing the potential, green growth, youth power and financial sector. Article 112 - Budget (Annual financial statement). The Budget is classified into Revenue Budget (includes the government's revenue receipts and expenditure) and Capital Budget (includes capital receipts and payments of the government).

Sol.39.(d) 8%. Twelfth Five Year Plan (2012–2017): Theme - Faster, More Inclusive and Sustainable Growth. The Five Year Plans were formulated, implemented and regulated by the Planning Commission (replaced by NITI AAYOG in 2015). Target Growth rate of Five Year Plans : 11th - 9%, 10th - 8%, 9th - 6.5 %, 8th - 5.6%.

Sol.40.(a) 75. On the eve of India's independence, the country's economy was agro-based. The agriculture sector was characterized by outdated technology and methods, such as a lack of machines and fertilizers. The Green Revolution of the 1960s helped India make strides in food production and agriculture. The industrial sector employed 10.2% of the working population, while the service sector employed 17.2% at the time of independence.

Sol.41.(b) Rate = 16% = $\frac{4}{25}$, time = 3 yrs

Principal		Amount
25	:	29
25	:	29
25	:	29

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15625 : 24389

CI = 24389 - 15625 = 8764 unit

⇒ 15625 unit = ₹72,000

Then, 8764 unit = $\frac{72000}{15625}$ × 8764

= ₹40,384.512 or ₹40,384.51

Sol.42.(b) Distance 1 : 2

Time 1 : 6

Speed 1 : $\frac{1}{3}$ = 3 : 1

So, the required ratio = 3 : 1

Sol.43.(a) P : Q = 17 : 20

Required % = $\frac{20-17}{17}$ × 100

= $\frac{300}{17}$ = 17.64 percent

Sol.44.(b) X = 10 + $\frac{Y+Z}{2}$

⇒ 2X - Y - Z = 20 ---------- (1)

and Y = 12 + $\frac{Y+Z}{2}$

⇒ Y - Z = 24 ---------- (2)

Add eqn(1) and (2) we get

2X - 2Z = 44 ⇒ X - Z = $\frac{44}{2}$ = 22

Sol.45.(b) Divisibility rule of 8:

Number is divisible by 8, if its last 3 digits are divisible by 8.

Checking all the options, we have ;

(a) 5896 → 896 is divisible by 8

(b) 6044 → 044 is not divisible by 8

(c) 6032 → 032 is divisible by 8

(d) 5968 → 968 is divisible by 8

Clearly, we can see that 6044 is the only number which is not divisible by 8.

Sol.46.(b) Effective rate

= (+ 40 - 30 - $\frac{40 \times 30}{100}$)%

= (10 - 12)% = -2%

(-) signs indicate loss so loss will be 2%.

Sol.47.(b) Deviation in the average

= -5 - 1 - 2 - 6 = -14

Since, net deviation should be zero. So,

Average of D and E = 29 + $\frac{14}{2}$ = 36

Sol.48.(c) 14 - 3 × (5 + 2) ÷ 4

= 14 - 3 × 7 ÷ 4

= 14 - $\frac{21}{4}$ = 14 - 5.25 = 8.75

Sol.49.(c) Gaurav Shambhu

Efficiency → 4 : 1

Time → 1 : 4

According to question,

⇒ (4 -1) unit = 67.5 days

Then, 1 unit = $\frac{67.5}{3}$ = 22.5 days

Total work = 22.5 × 4 = 90 unit

Time taken by both of them to complete the work = $\frac{90}{4+1}$ = 18 days

Sol.50.(c) Let the maximum marks of the exam be 100x

According to question,

⇒ 21x + 25 = 46x + 5 ⇒ 25x = 20

⇒ 100x = 20 × 4 = 80

So, the maximum marks = 80

Sol.51.(b) loss% = $\frac{11-7}{11}$ × 100 = $\frac{400}{11}$

= 36.36 percent

Sol.52.(d)

SI for 1.5yrs = 1060 - 1000 = ₹60

SI for 1 yr = $\frac{60}{1.5}$ = ₹40

Principal amount = 1000 - 40 = ₹960

rate% = $\frac{40}{960}$ × 100 = $\frac{100}{24}$ = 4.17%

Sol.53.(b) According to question,

$\frac{1}{4}$ × MP = $\frac{2}{3}$ × SP

$\frac{MP}{SP}$ = $\frac{2}{3}$ × 4 = $\frac{8}{3}$

Discount% = $\frac{8-3}{8}$ × 100 = $\frac{500}{8}$ = 62.5%

Sol.54.(b) $11\frac{1}{2} + 12\frac{1}{2} + 13\frac{1}{2} + 14\frac{1}{2}$

= 11 + 12 + 13 + 14 + ($\frac{1}{2}$ × 4)

= 50 + 2 = 52

Sol.55.(d) Area of rhombus

= $\frac{1}{2} \times d_1 \times d_2 = \frac{1}{2}$ × 10 × 30 = 150 cm^2

Sol.56.(b) Avinash Bipin

Efficiency → 11 : 1

Time → 1 : 11

According to question,

⇒ (11-1) unit = 100 days

⇒ 1 unit = $\frac{100}{10}$ = 10 days

Time taken by Avinash alone to build the machine = 1 unit = 10 days

Time taken by Avinash alone to build the machine = 11 unit = 11 × 10 = 110 days

Sol.57.(d) Share of Mohan

= $\frac{9}{6+7+9}$ × 17600 = ₹7200

Sol.58.(d)

Balancing the given ratio, we have ;

Milk Water Total

Old → 5 : 7 12

New → $1_{\times 5}$: $1_{\times 5}$ 10

Quantity of water to be added

= 7 - 5 = 2 unit

⇒ 12 unit = 120 litres

Then, 2 unit = $\frac{120}{12}$ × 2 = 20 litres

Sol.59.(c) Profit on first bike

= 24,000 × 20% = ₹4800

loss on second bike

= 20,000 × 30% = ₹6000

Total loss = 6000 - 4800 = ₹1200

Sol.60.(c) $0.\overline{5} + 0.\overline{3} = \frac{5}{9} + \frac{3}{9} = \frac{8}{9}$

Sol.61.(b) patronege of its wealthy graduates

'Patronage' is the correct spelling.

Sol.62.(c) Appear - to come into sight.

Abscond - to leave hurriedly and secretly

Guilty - being responsible for wrongdoing.

Tarnish - to damage the appearance or reputation of something.

Clear Out - to remove or evacuate.

Sol.63.(b) Wopsle had gone farthest

'Farthest' must be replaced with 'too far'. The verb 'had better' is used to warn against the consequences of doing something terribly wrong. 'To go too far' means to do something terribly wrong. Hence, 'Wopsle had gone too far' is the most appropriate answer.

Sol.64.(b) Bluntly - In a direct, straightforward manner, without regard for sensitivity.

Tactlessly - behaving or speaking in a way that shows a lack of sensitivity to others' feelings.

Civilly - in a polite and courteous manner.

Blissfully - in a state of happiness or contentment;

Ignorantly - in a manner that shows lack of knowledge or awareness about something.

Sol.65.(c) To come into the open - to become public or evident.

E.g.- Her feelings for him came into the open during the meeting.

Sol.66.(b) to meet you

There are some phrases that are always followed by a gerund(V-ing). Such phrases are 'with a view to, looking forward to, in addition to, accustomed to, habituated to, be used to, prone to, etc.' Hence "looking forward to meeting you" is the appropriate answer.

Sol.67.(b) These

The adjective 'these' is used for a plural noun(gadgets) that is nearby. Hence, 'these' is the most appropriate answer.

Sol.68.(a) Backseat driver - a passenger

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in a car who gives unwanted advice to the driver.

Sol.69.(b) Inadequate - not sufficient or enough.
Passable - acceptable, satisfactory, or adequate but not outstanding.
Middling - of moderate or average quality.
Particular - specific or individual, especially when focusing on details.
Lavish - extremely rich or luxurious.

Sol.70.(c) what
'Who' is used to ask about personal identity such as name, and 'what' is used to ask about the type of personality, profession or recognition. Hence, 'what' is the most appropriate answer.

Sol.71.(b) Satisfaction - fulfillment of one's wishes, expectations, or needs.
Craving - a strong desire or longing for something.
Alarm - a sudden fear or anxiety caused by the realization of danger or a sudden warning.
Pining - suffering from mental and physical decline, especially because of a broken heart.
Palate - the roof of the mouth.

Sol.72.(d) slept in and
By the rule of parallelism, the past form of the verb will be used to match the form of the verb 'missed'. Hence, 'slept in and' is the most appropriate answer.

Sol.73.(c) conferm
'Confirm' is the correct spelling.

Sol.74.(b) was fearless
Stative verb (be) followed by an adjective is used to mention the qualities of a noun. Hence, 'was fearless' is the most appropriate answer.

Sol.75.(a) crises does have
According to the "Subject-Verb Agreement Rule", a plural subject always takes a plural verb. In the given sentence, 'crises ' is a plural subject that will take 'do' as a plural verb. Hence, 'crises do have' is the most appropriate answer.

Sol.76.(d) triggered
'Triggered' means to make something happen suddenly. The given passage states that natural disasters are triggered by natural processes. Hence, 'triggered' is the most appropriate answer.

Sol.77.(d) devise
'Devise' means to invent a new way of doing something. The given passage suggests that there is a need to devise the proper mitigation strategies. Hence, 'devise' is the most appropriate answer.

Sol.78.(d) as
'As' is used to state the reason for something. The given passage states the reason why a Seismic Microzonation study is important. Hence, 'as' is the most appropriate answer.

Sol.79.(b) impacts
'Impact' means an effect. The given passage talks about the importance of Seismic Microzonation studies in reducing and mitigating the impacts of earthquake shaking. Hence, 'impacts' is the most appropriate answer.

Sol.80.(b) safer
There is an implied comparison in the sentence. The given passage compares the urban planning before and after the given steps. Therefore, we will use the comparative adjective 'safer'. Hence, 'safer' is the most appropriate answer.

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SSC GD Constable
23/02/2024 (3rd Shift)

Reasoning

Q.1. Five friends P, B, C, G and H are sitting around a circular table facing towards the centre. B is sitting to the immediate left of C. G and H are not the immediate neighbour of C. H is sitting second to the right of P. Who is sitting on the immediate left of C ?
(a) H (b) G (c) B (d) P

Q.2. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
c_d_o_c_dcod
(a) ocdd (b) doco (c) ooco (d) ocdo

Q.3. Six family members P, Q, R, S, T, and U are seated at a circular table facing each other. S is to the immediate left of U, and Q is second to the left of S. P is second to the left of R. Who is the immediate neighbour of both U and P ?
(a) S (b) P (c) Q (d) T

Q.4. In the following question, select the missing number from the given series.
49, 54, 41, 62, 33, 70, ?
(a) 29 (b) 27 (c) 23 (d) 25

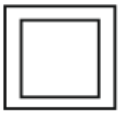
Q.5. By interchanging which two signs and two numbers (not digits) the equation will be correct ?
$7 \times 5 \div 6 + 2 - 4 = 16$
(a) × and ÷, 2 and 4 (b) × and –, 5 and 6
(c) + and –, 6 and 2 (d) ÷ and +, 7 and 4

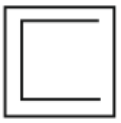
Q.6. Select the option that is related to the third word in the same way as the second word is related to the first word.
Cardiologist : Heart : : Nephrologist : ?
(a) Heart (b) Kidneys (c) Lungs (d) Liver

Q.7. Pointing towards a photograph of a man, Rimi said, "He is the brother of my father's son". How man is related to Rimi?
(a) Father (b) Sister
(c) Brother (d) Mother

Q.8. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

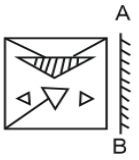


(a)  (b) 

(c)  (d) 

Q.9. In the following question, select the missing number from the given series.
99, 116, 133, 150, 167, ?
(a) 190 (b) 192 (c) 184 (d) 188

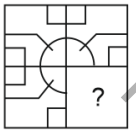
Q.10. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure ?



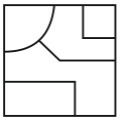
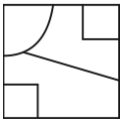
(a)  (b) 

(c)  (d) 

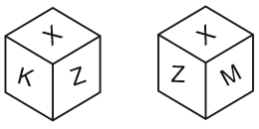
Q.11. Which answer figure will complete the pattern in the question figure ? (rotation is NOT allowed)



(a)  (b) 

(c)  (d) 

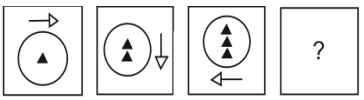
Q.12. Two positions of a dice are given below. What will come on the face opposite to the face containing 'K' on it ?

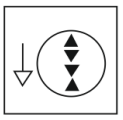
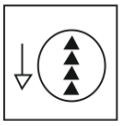


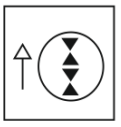
(a) M (b) Z (c) X (d) N

Q.13. Arrange the following words in alphabetical order:
1. TECHNOLOGY 2. TECHNICAL
3. TECHNICIAN 4. TECHNIQUE
5. TECHNOPHOBIA
(a) 2, 4, 1, 3, 5 (b) 2, 1, 4, 3, 5
(c) 2, 3, 4, 1, 5 (d) 2, 3, 1, 5, 4

Q.14. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 

(c)  (d) 

Q.15. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I: All drums are guitars.
Statement II: All guitars are flutes.
Statement III: All flutes are sitars.
Conclusion I: Some drums are sitars.
Conclusion II: All sitars are guitars.
(a) Only conclusion I follows
(b) Neither conclusion I nor II follows
(c) Only conclusion II follows
(d) Both conclusions I and II follow

Q.16. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster and the second letter cluster is related to the first letter cluster.
AFFECT : FAFETC :: BRIGHT : RBIGTH :: EITHER : ?
(a) IEHTRE (b) IETHRE
(c) TEIERH (d) ERHTEI

Q.17. Which of the following letter will replace the question mark (?) in the given series ?
Y, T, P, M, K, ?
(a) I (b) H (c) L (d) J

Q.18. In a certain code language, 'BED' is coded as '120', 'FAT' is coded as '360'. What is the code for 'DBY' in that code language ?
(a) 400 (b) 500 (c) 600 (d) 450

Q.19. In a certain code language, if TABLE is coded as '80', CHAIR is coded as '78', then what will WINDOW be coded as ?
(a) 210 (b) 176 (c) 88 (d) 112

Q.20. Which two numbers should be interchanged to make the given equation correct ?
8 + 7 × 9 ÷ 14 - 3 = 10
(a) 3 and 9 (b) 8 and 7
(c) 8 and 9 (d) 14 and 10

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General Awareness

Q.21. King Asoka of the Mauryan Empire was a follower of _____ .
(a) Sikhism (b) Buddhism
(c) Islam (d) Jainism

Q.22. The Socio-Economic and Caste Census (SECC) 2011 (Rural) of India allows ranking of the households under 'Others' category based on their status on _____ deprivation parameters.
(a) seven (b) nine (c) five (d) three

Q.23. During which religious event in India do devotees take a holy dip in the Ganges River, believing it washes away their sins, and perform various rituals at the riverbanks ?
(a) Diwali (b) Kumbh Mela
(c) Eid al-Fitr (d) Navratri

Q.24. Which sport is played by the Indian sportsperson Janet Vidhi ?
(a) Cricket (b) Squash
(c) Archery (d) Boxing

Q.25. Which one of the following statements regarding magnetic field is correct ?
(a) Magnetic field lines are open curves
(b) Magnetic field lines are closed curves
(c) Magnetic field is a quantity that has no direction and magnitude
(d) two magnetic field lines are found to cross each other

Q.26. Which union territory of India has the highest population density per 2011 census ?
(a) NCT of Delhi (b) Daman and Diu
(c) Chandigarh (d) Ladakh

Q.27. _____ is an initiative of National Bal Bhavan (NBB) to identify the creative potential of children in four main streams and motivate them to pursue and enhance their creative potential. The evaluation and selection is a complex process and procedure which need constant refinement and inputs from creative artists and experts in various fields.
(a) National Bal Shree honor
(b) National Padma Shree honor
(c) Shree honor
(d) National Matru Shree honor

Q.28. With respect to money and banking, what does SLR stand for ?
(a) Statutory Legal Ratio
(b) Statutory Liquidity Ratio
(c) State Liquidity Ratio
(d) State Legal Ratio

Q.29. Anant Maheshwari, the President of _____ India, has been appointed as the Chairperson of Nasscom for the period 2023-24.
(a) TCS (b) Microsoft
(c) Apple (d) Google

Q.30. Which of the following classical dance form is associated with Kerala ?
(a) Kathak (b) Odissi
(c) Mohiniyattam (d) Sattriya

Q.31. The first five-year plan of India was based on which model ?
(a) Capitalist Model
(b) Gadgil formula
(c) Harrod-Domar Model
(d) Mahalanobis Plan

Q.32. Which state's government has unveiled its plan to provide homes for over 47,000 impoverished residents in the state's rural areas as part of the inaugural phase of the "Mukhyamantri Gramin Awas NYAY Yojana" ?
(a) Chhattisgarh (b) Madhya Pradesh
(c) Tamil Nadu (d) Maharashtra

Q.33. Which of the following five year plan of India aim was to make India a 'self-reliant' and 'self-generating' economy ?
(a) Second five year Plan
(b) Third five year Plan
(c) First five year Plan
(d) Fourth five year Plan

Q.34. When was the first commonwealth games held ?
(a) 1945 (b) 1935 (c) 1930 (d) 1926

Q.35. Who of the following was elected as President of the Constituent Assembly of India ?
(a) Jawaharlal Nehru
(b) Sardar Vallabhbhai Patel
(c) Rajendra Prasad
(d) Bhimrao Ambedkar

Q.36. Who is the presiding officer of the Rajya Sabha (Council of States) in India ?
(a) Speaker (b) President
(c) Prime Minister (d) Vice President

Q.37. Who banned the tractor stunt in Punjab in 2023 ?
(a) Charanjit Singh Channi
(b) Sukhjinder Singh Randhawa
(c) Sukhbir Singh Badal
(d) Bhagwant Mann

Q.38. Pt. Bhimsen Joshi has received highest civilian award Bharat Ratna in which of the following year ?
(a) 2002 (b) 2004 (c) 2006 (d) 2009

Q.39. In long jump, the take-off has to be made from a _____cm wide board one meter away from a pit.
(a) 15 (b) 24 (c) 12 (d) 20

Q.40. Sardar Vallabhbhai Patel served as President of the Congress in _____ .
(a) 1931 (b) 1935 (c) 1921 (d) 1925

Quantitative Aptitude

Q.41. If P : Q = 6 : 5 and Q : R = 3 : 4 then what is the value of Q : (P + R) ?
(a) 15 : 37 (b) 14 : 37
(c) 13 : 38 (d) 15 : 38

Q.42. Monil's monthly income is reduced by 18%. By approximate what percentage his monthly income must be increased so that it is again equal to his original monthly income ?
(a) 7% (b) 18% (c) 15% (d) 22%

Q.43. The ratio of the cost price and selling price of a bulb is 20 : 25. What is the profit percentage ?
(a) 20 percent (b) 25 percent
(c) 15 percent (d) 30 percent

Q.44. If 75 is subtracted from 25 percent of a number, then the result is 1225. What is the value of the number ?
(a) 5300 (b) 5000 (c) 5100 (d) 5200

Q.45. Height of a cone is 15 cm and radius of its base is 14 cm. What is the volume of the cone ?
(a) 3240 cm^3 (b) 2860 cm^3
(c) 3080 cm^3 (d) 3420 cm^3

Q.46. Average of 90 results is 38. If 4 is subtracted from each result, then what will be the new average of the results ?
(a) 37 (b) 34 (c) 36 (d) 32

Q.47. A principal of Rs. 30000 is borrowed at compound interest (compounding annually) at the rate of 7 percent per annum. What will be the amount after 2 years ?
(a) Rs. 31247 (b) Rs. 35687
(c) Rs. 33248 (d) Rs. 34347

Q.48. The marked price of an article is Rs. 1850. If a discount of 60 percent is given, then what will be the selling price of the article ?
(a) Rs. 750 (b) Rs. 840
(c) Rs. 860 (d) Rs. 740

Q.49. The marked price on an item was Rs 4800/- but the shopkeeper offered a double discount of 18% and 20%. How much did he finally sell the item for ?
(a) Rs. 3642 (b) Rs. 3148.8

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(c) Rs. 2976 (d) Rs. 3258.8

Q.50. What is that least value that should be added to 140 to make it exactly divisible by both 5 and 6 ?
(a) 20 (b) 15 (c) 12 (d) 10

Q.51. In a mixture water and milk are in the ratio of 8 : 21. If it contains 26 litres more milk than water, then what will be the quantity of milk in mixture ?
(a) 46 litres (b) 26 litres
(c) 16 litres (d) 42 litres

Q.52. Rohit makes four trips of equal distances. His speed on first trip was 400 km/hr and in each subsequent trip his speed was half of the previous trip. What is the average speed of Rohit in these four trips ?
(a) 100 km/hr (b) $\frac{440}{3}$ km/h
(c) $\frac{400}{3}$km/h (d) $\frac{320}{3}$ km/h

Q.53. Anil sells a table at a loss of 20 percent. If he sells it for Rs. 160 more, then he earns a profit of 20 percent. What should be the selling price of the table to earn a profit of 25 percent ?
(a) Rs. 750 (b) Rs. 800
(c) Rs. 500 (d) Rs. 700

Q.54. Of the 5 subjects, the average marks of Rakesh in first 3 subjects was 80 and the average marks in the last 3 subjects was 92. If his marks in the third subject was 51, then what was his average marks in all the 5 subjects ?
(a) 90 (b) 102 (c) 97 (d) 93

Q.55. What is the value of $96 \times 2 \div (88 - 24) + 43 \times 3$?
(a) 132 (b) 130 (c) 130 (d) 135

Q.56. A person lent certain sum of money at the annual rate of 3 percent on simple interest and the interest received in 25 years is Rs. 600 less than the sum lent. What is the sum lent ?
(a) Rs.1200 (b) Rs.2400
(c) Rs.1600 (d) Rs.800

Q.57. Find the value of $58 - 25 \div 5 + \{55 + 25 - (30 + 20 - 10 + 30)\}$.
(a) 68 (b) 63 (c) 56 (d) 66

Q.58. The HCF of two numbers is 14 and their LCM is 490. If one number is 70, find the other number.
(a) 74 (b) 78 (c) 65 (d) 98

Q.59. J, K and L together can complete a book in 20 days. J and K together can complete the same book in 25 days. L alone can complete the same book in how many days ?
(a) 125 (b) 110 (c) 100 (d) 140

Q.60. If 15 men can build a house in 18 days, how many days will it take for 12 men to build the same house ?
(a) 20 (b) 19 (c) 22.5 (d) 18

English

Q.61. Select the most appropriate option for the given blank.
Let us _____ a meeting to discuss this issue.
(a) take (b) voice (c) call (d) say

Q.62. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
"To stand one's ground"
(a) To give up
(b) Arranged in order
(c) To give in
(d) To refuse to change opinion

Q.63. Choose the word that means the same as the given word.
Curious
(a) Callous (b) Benign
(c) Agile (d) Interested

Q.64. Choose the word that is opposite in meaning to the given word.
Adequacy
(a) Opulence (b) Rational
(c) Surplus (d) Dearth

Q.65. Select the sentence with no spelling errors.
(a) After anchoring, the wind was variable and light from the western qurter.
(b) After anchoring, the wind was varieable and light from the western quarter.
(c) After anchoring, the wind was variable and light from the western quarter.
(d) After anchoring, the wind was variable and lite from the westen quarter.

Q.66. Select the most appropriate meaning of the given idiom.
Dot the I's and cross the T's
(a) To do something carefully.
(b) To make a bad situation worse.
(c) To have no standard of beauty.
(d) To complain about something.

Q.67. Select the most appropriate option for the given blank.
The raging waters _____ the tiny village.
(a) has submerging
(b) submerged
(c) submerges
(d) has been submerged

Q.68. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
'This must be it, it's the (countryside; might be that is our) holiday home,' she added hopefully.
(a) countryside; whenever this is our
(b) countryside; perhaps this is our
(c) countryside; however this is seemed our
(d) No correction required

Q.69. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The good news is that many large cities, have began to heed climate change warning signs.
(a) heed climate change warning signs.
(b) large cities, have began to
(c) The good news is that many
(d) No error

Q.70. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I can't tell you how brilliant his lately ideas were.
(a) I can't tell you (b) lately ideas were.
(c) No error (d) how brilliant his

Q.71. Choose the most appropriate antonym of the underlined word.
I think my **malaise** is chiefly owing to the depressing influence of town air and town scenes.
(a) Wellness (b) Disquiet
(c) Angst (d) Unease

Q.72. Replace the bracketed word with one of the given options, which suitably replaces the word without changing the meaning of the sentence:
In the age of technology, smartphones have become (ubiquitous), infiltrating every aspect of our lives, from communication and work to entertainment and even our daily routines.
(a) obsolete (b) irreplicable
(c) candid (d) omnipresent

Q.73. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Dogs can be more easily domesticates and trained.
(a) easiest domesticating

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(b) easily domesticated
(c) No improvement
(d) easy domesticate

Q.74. Select the incorrectly spelt word from the given sentence.
Common sense, uncontrovursial ideas tend to diminish when attention has moved elsewhere.
(a) sense (b) attention
(c) uncontrovursial (d) diminish

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
He had decided to playing until that score reached forty-three thousand.
(a) No error
(b) He had decided to
(c) playing until that score
(d) reached forty-three thousand.

Cloze Test :
Direction :- [Q.76. to Q.80.]
Historians (76) _____condemn the acquisition of Sindh by the British in strong (77) _____. The causes for annexation were deliberately (78) _____. Like many episodes in the British conquest of India, the Afghan war is also a tale of bullying tactics and (79) _____ However, in the instance of the First Afghan War, the English suffered terribly at the (80) _____ of the Afghans with a corresponding loss of prestige.

Q.76. (a) unintentional (b) generally
(c) rigorous (d) casuality

Q.77. (a) letter (b) poetry
(c) paragraph (d) words

Q.78. (a) manufactured (b) consider
(c) fasten (d) sew

Q.79. (a) faith (b) inconveniences
(c) deceit (d) harmony

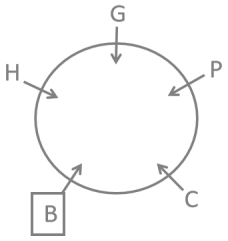
Q.80. (a) palms (b) heart
(c) hands (d) mind

Answer Key :-

1.(c)	2.(d)	3.(d)	4.(d)
5.(d)	6.(b)	7.(c)	8.(a)
9.(c)	10.(d)	11.(b)	12.(a)
13.(c)	14.(c)	15.(a)	16.(b)
17.(d)	18.(c)	19.(b)	20.(c)
21.(b)	22.(a)	23.(b)	24.(b)
25.(b)	26.(a)	27.(a)	28.(b)
29.(b)	30.(c)	31.(c)	32.(a)
33.(b)	34.(c)	35.(c)	36.(d)
37.(d)	38.(d)	39.(d)	40.(a)
41.(d)	42.(d)	43.(b)	44.(d)
45.(c)	46.(b)	47.(d)	48.(d)
49.(b)	50.(d)	51.(d)	52.(d)
53.(c)	54.(d)	55.(a)	56.(b)
57.(b)	58.(d)	59.(c)	60.(c)
61.(c)	62.(d)	63.(d)	64.(d)
65.(c)	66.(a)	67.(b)	68.(b)
69.(b)	70.(b)	71.(a)	72.(d)
73.(b)	74.(c)	75.(c)	76.(b)
77.(d)	78.(a)	79.(c)	80.(c)

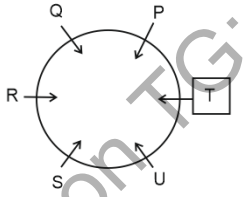
Solutions :-

Sol.1.(c)



Sol.2.(d) c**o**d / **c**o**d** / c**o**d / cod

Sol.3.(d)



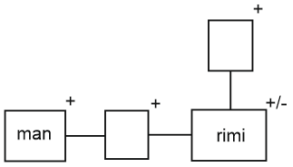
Sol.4.(d)



Sol.5.(d)
Given: $7 \times 5 \div 6 + 2 - 4 = 16$
After solving all options one by one option (d) satisfied the condition.
$\Rightarrow 4 \times 5 + 6 \div 2 - 7 = 16$
$\Rightarrow 20 + 3 - 7 = 16 \Rightarrow 16 = 16$
$\Rightarrow LHS = RHS$

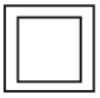
Sol.6.(b) Specialist of heart related treatments is known as a cardiologist, in the same way, a specialist of kidneys related treatments is known as a nephrologist.

Sol.7.(c)

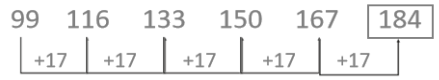


As we can see, the man is the brother of rimi.

Sol.8.(a)



Sol.9.(c)



Sol.10.(d)



Sol.11.(b)



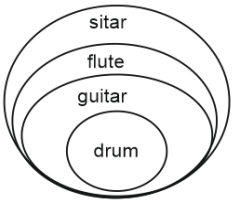
Sol.12.(a)
From the two dice, X and Z are common, therefore, K is opposite to M.

Sol.13.(c)
The correct order is:
TECHNICAL(2) → TECHNICIAN(3) → TECHNIQUE(4) → TECHNOLOGY(1) → TECHNOPHOBIA(5)

Sol.14.(c)

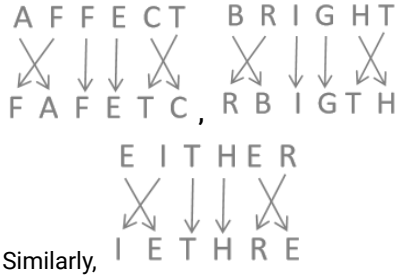


Sol.15.(a)



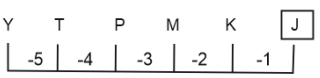
As we can see, only conclusion I follows.

Sol.16.(b)



Similarly,

Sol.17.(d)



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Sol.18.(c) Logic: multiplication of place value of letters × 3 = given number
BED ⇒ (2 × 5 × 4) × 3 = 120
FAT ⇒ (6 × 1 × 20) × 3 = 360
Similarly
DBY ⇒ (4 × 2 × 25) × 3 = 600

Sol.19.(b) Logic: sum of place value of letters × 2 = given number
TABLE ⇒ (20 + 1 + 2 + 12 + 5) × 2
= 40 × 2 = 80
CHAIR ⇒ (3 + 8 + 1 + 9 +18) × 2 = 39 × 2 = 78
Similarly,
WINDOW ⇒ (23 + 9 + 14 + 4 + 15 + 23) × 2 = 88 × 2 = 176

Sol.20.(c)
Given: $8 + 7 \times 9 \div 14 - 3 = 10$
After checking options one by one option (c) satisfied the condition,
$\Rightarrow 9 + 7 \times 8 \div 14 - 3 = 10$
$\Rightarrow 9 + 4 - 3 = 10 \Rightarrow 10 = 10$
$\Rightarrow LHS = RHS$

Sol.21.(b) Buddhism. Ashoka was the grandson of Chandragupta Maurya, the founder of the Mauryan Empire. After the brutal Kalinga War, horrified by the violence, Ashoka vowed never to wage war again. He shifted from military conquest to cultural influence, replacing the war drum (Bherighosha) with the sound of Dhamma (Dhammaghosha). Influenced by the Buddhist monk Upagupta, Ashoka embraced Buddhism and focused on spreading its teachings.

Sol.22.(a) seven. The seven deprivation indicators are: Households with only one room, kucha walls and kucha roof; No adult member between the ages of 16 and 59; Female headed households with no adult male member between 16 and 59; Households with disabled member and no able bodied adult member; SC/ST households; Households with no literate adult above 25 years; and Landless households deriving a major part of their income from manual casual labour.

Sol.23.(b) Kumbh Mela. The world's biggest festival by attendance is often considered to be the Kumbh Mela in India. It is a major Hindu pilgrimage that occurs every 12 years, rotating among four locations (Allahabad, Haridwar, Nashik, and Ujjain). It is held on the banks of rivers Ganga, Yamuna, Godavari and Shipra.

Sol.24.(b) Squash. Other Sports Personalities : Squash - Ritwick Bhattacharya, Saurav Ghosal, Dipika Pallikal, and Joshna Chinappa; Archery - Pravin Jadhav, Tarundeep Rai, and Jyothi Surekha Vennam; Boxing - Mary Kom, Vijender Singh, and Lovlina Borgohain.

Sol.25.(b) Magnetic field lines are imaginary lines around a magnet that represent the pattern of the magnetic field. They form closed loops, flowing from the North pole to the South pole outside the magnet, and from the South pole to the North pole inside the magnet. The magnetic field is a vector quantity, meaning it has both direction and magnitude.

Sol.26.(a) NCT of Delhi. The population density of India in 2011 was 382 per sq km. The density of population (per sq km) of States and Union Territories: Delhi (11,320), Arunachal Pradesh (17) - Lowest population density, Bihar (1,106), Kerala (860), Meghalaya (132), Lakshadweep (2,149), and Uttar Pradesh (829).

Sol.27.(a) National Bal Shree honor. National Bal Bhavan launched the National Bal Shree Scheme in 1995. Bal Shree honour consists of - A Plaque, Citation, Cash Prize of Rs. 15,000 (Kisanvikas Patra), and Literature set (Consisting of Books/CDs).

Sol.28.(b) Statutory Liquidity Ratio. It is the minimum percentage of deposits that a commercial bank must maintain in the form of liquid cash, gold, or other securities. Related Terms in Money and Banking: CRR (Cash Reserve Ratio), Repo Rate, Reverse Repo Rate, Monetary Policy, Fiscal Policy, Liquidity, and Bank Rate.

Sol.29.(b) Microsoft. National Association of Software and Service Companies (NASSCOM) - Founded in 1988; Founders: Nandan Nilekani, and Dewang Mehta; Headquarters: Noida (Uttar Pradesh) & New Delhi. Other Companies and Their Presidents/CEOs: TCS (Tata Consultancy Services) - K. Krithivasan; Apple - Tim Cook; and Google - Sundar Pichai.

Sol.30.(c) Mohiniyattam. Other Classical Dance Forms and Their Associated States: Kathak - North India; Odissi - Odisha, Sattriya - Assam, Bharatanatyam - Tamil Nadu, Kuchipudi - Andhra Pradesh, Manipuri - Manipur, and Kathakali - Kerala.

Sol.31.(c) Harrod-Domar Model. First Five-Year Plan (1951-56): It mainly addressed the agrarian sector, including investment in dams and irrigation. Five Indian Institutes of Technology were established. Second Five Year Plan (1956-61): It was drafted and planned under the leadership of P.C Mahalanobis. Fourth Five-Year Plan: (1969-74): Based on Gadgil Formula.

Sol.32.(a) Chhattisgarh. Mukhyamantri Grameen Awas Nyay Yojana: Launched on - 2023. Benefits - Financial Assistance to Construct House. Nodal Department - Department of Panchayat and Village Development (Chhattisgarh).

Sol.33.(b) Third five year Plan (1961-66) - Aimed to boost agriculture, particularly wheat production, with a target growth of 5.6%. However, it achieved only 2.8% growth, falling short due to several unforeseen challenges. These included the Chinese aggression in 1962, the Indo-Pak war in 1965, and a severe drought in 1965-66. As a result, the plan's focus shifted from development to a mix of defence and development.

Sol.34.(c) 1930. The Commonwealth Games began in Hamilton, Canada as the inaugural hosts. Commonwealth Games year and host country : 1934 - England, 1962 - Australia, 1990 - New Zealand, 2010 - India, 2022 - England, 2026 - Australia.

Sol.35.(c) Rajendra Prasad. The Constituent Assembly met for the first time in New Delhi on 9 December 1946, and its last session was held on 24 January 1950. Important Committees of Constituent Assembly and Their Chairmen: Drafting Committee - B. R. Ambedkar, Union Power Committee - Jawaharlal Nehru, Provincial Constitution Committee - Vallabhbhai Patel, House Committee - B. Pattabhi Sitaramayya, and Credential Committee - Alladi Krishnaswami Ayyar.

Sol.36.(d) Vice President. The Rajya Sabha (Article 80) should consist of not more than 250 members - 238 members representing the States and Union Territories, and 12 members nominated by the President. It is a permanent body. Each member is elected for a term of six years. The Vice President of India is the ex-officio Chairman of Rajya Sabha. The House also elects a Deputy Chairman from among its members.

Sol.37.(d) Bhagwant Mann. He is an Indian politician and 17th Chief Minister of Punjab. Punjab - Also known as the Land of the Five Rivers; State Animal -

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Blackbuck; and State Bird - Northern Goshawk. Legislative Assembly -117 seats. Rajya Sabha- 7 seats. Lok Sabha- 13 seats.

Sol.38.(d) 2009. Pt. Bhimsen Joshi is one of the prominent Hindustani Classical Vocalists of India. He belongs to the Kirana gharana. His Awards: Padma Vibhushan (1999), Padma Bhushan (1985), and Sangeet Natak Akademi Award (1976). Bharat Ratna award winners 2024- Karpoori Thakur, Lal Krishna Advani, P V Narasimha Rao, Chaudhary Charan Singh, M S Swaminathan.

Sol.39.(d) 20. Long jump rules and technique: In official events, the runway measures 40m in length; Long jumpers are allowed to wear spikes if they prefer but the sole of their shoe cannot be more than 13mm thick. Long jump world record: Men's long jump - Mike Powell (USA), 8.95m in 1991 and Women's long jump - Galina Chistyakova (Russia), 7.52m in 1988.

Sol.40.(a) 1931. Indian National Congress (INC) and Its Presidents: 1885 - W.C. Bannerjee, 1888 - George Yule, 1893 - Shri Dadabhai Naoroji, 1917 - Annie Besant (First Woman President of Congress), 1924 - M.K. Gandhi, 1929 - Jawahar Lal Nehru, 1940 - Abul Kalam Azad, and 1946 - J.B Kripalani.

Sol.41.(d)

P	Q	R
6 :	5 :	**5**
3 :	3 :	4
18 :	15 :	20

Q : (P + R) = 15 : (18 + 20) = 15 : 38

Sol.42.(d)
Old income : New income = 50 : 41

Required % = $\frac{50-41}{41} \times 100$

= $\frac{900}{41} \approx 22\%$

Sol.43.(b) CP : SP = 20 : 25 = 4 : 5

Profit % = $\frac{5-4}{4} \times 100 = \frac{100}{4} = 25\%$

Sol.44.(d) Let the no be 100x
25% of 100x - 75 = 1225
25x - 75 = 1225

25x = 1300 ⇒ x = $\frac{1300}{25} = 52$

So, Number = 100 × 52 = 5200

Sol.45.(c) Volume of the cone

= $\frac{1}{3} \times \frac{22}{7} \times 14 \times 14 \times 15 = 3080\ cm^3$

Sol.46.(b) Concept : If a number 'n' is subtracted from each number then the average also by decrease n.
New average = 38 - 4 = 34

Sol.47.(d) Amount after 2 yrs

= 30,000 × $\frac{107}{100} \times \frac{107}{100}$ = ₹34,347

Sol.48.(d) SP = 1850 × 40% = ₹740

Sol.49.(b)

SP of the item = 4800 × $\frac{41}{50} \times \frac{4}{5}$

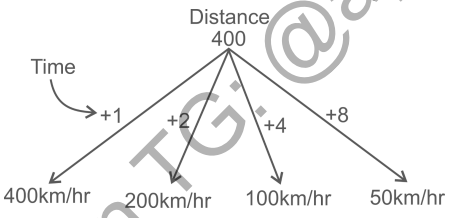
= $\frac{15,744}{5}$ = ₹3148.8

Sol.50.(d) LCM of (5,6) = 30
Since, 150 is divisible by 30. So, the number to be added = 150 - 140 = 10
Therefore, 10 is added to 140 to make it exactly divisible by both 5 and 6.

Sol.51.(d)
21-8 = 13 unit ---------- 26 litres

Then, 21 unit ---------- $\frac{26}{13}$ × 21 = 42 litres

Sol.52.(d) Speed during four trips are 400, 200, 100, 50 km/hr respectively



So, required average speed of Rohit

= $\frac{400 \times 4}{1+2+4+8} = \frac{1600}{15} = \frac{320}{3}$ km/h

Sol.53.(c) Let CP be 100%
20-(-20) = 40% ---------- ₹160

100% ---------- $\frac{160}{40}$ × 100 = ₹400

SP of the table = 400 × 125% = ₹500

Sol.54.(d) Sum of the marks in first 3 subjects = 80 × 3 = 240
Sum of the marks in last 3 subjects
= 92 × 3 = 276
Marks in third subject = 51
Sum of the marks in all subjects
= 240 + 276 - 51 = 465

Required average marks = $\frac{465}{5}$ = 93

Alternate :
Net deviation in the average of the marks in first and last 3 subjects
= (-13 - 1) × 3 = - 42
Average marks in all subjects
= 51 + 42 = 93

Sol.55.(a) 96 × 2 ÷ (88 - 24) + 43 × 3
192 ÷ 64 + 129 ⇒ 3 + 129 = 132

Sol.56.(b) Rate = 3% = $\frac{3 \rightarrow SI}{100 \rightarrow Principal}$
SI for 25 yrs = 25 × 3 = 75 unit
ATQ,(100 - 75) = 25 unit ---------- ₹600

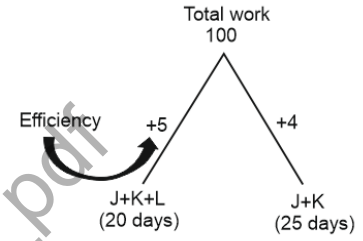
Then, 100 unit -------- $\frac{600}{25}$ × 100 = ₹2400

Sol.57.(b)
58- 25 ÷ 5 + {55 + 25 - (30 + 20 -10 + 30)}
58 - 5 + {80 − 70} ⇒ 58 - 5 + 10 = 63

Sol.58.(d) As we know ,
HCF × LCM = product of two no's
Let the other number be x

14 × 490 = 70 × x ⇒ x = $\frac{14 \times 490}{70}$ = 98

Sol.59.(c)



Efficiency of L = 5 - 4 = 1 unit
Time taken by L alone to complete the work = $\frac{100}{1}$ = 100 days

Sol.60.(c) Let the required time taken to build the house be x
According to question,
15 × 18 = 12 × x

x = $\frac{15 \times 18}{12} = \frac{45}{2}$ = 22.5 days

Sol.61.(c) call
The verb 'call / hold' is used with 'meeting'. Hence, 'call' is the most appropriate answer.

Sol.62.(d) To stand one's ground - To refuse to change opinion.
E.g.- I kept trying to get my grandmother to find a smaller house, but she stood her ground.

Sol.63.(d) Interested - wanting to know or hear more about something.
Curious - eager to know or learn something.
Callous - emotionally insensitive or unfeeling.
Benign - gentle or harmless.
Agile - quick and light in movement.

Sol.64.(d) Dearth - scarcity or lack of something.
Adequacy - sufficiency or having enough of something.
Opulence - a state of having more than enough.
Rational - logical or reasonable.
Surplus - more than what is needed.

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Sol.65.(c) After anchoring, the wind was variable and light from the western quarter.
'Variable', 'light', 'western' and 'quarter' are the correct spellings.

Sol.66.(a) Dot the I's and cross the T's- To do something carefully.
E.g.- She spent extra time on her project to dot the I's and cross the T's to ensure it was perfect before the deadline.

Sol.67.(b) submerged
'Submerged' is the only correct verb form here, indicating simple past tense. Hence, 'submerged' is the most appropriate answer.

Sol.68.(b) countryside; perhaps this is our
'Perhaps' is used to indicate possibility. The given sentence talks about the possibility that countryside is their home. Hence, 'countryside; perhaps this is our' is the most appropriate answer.

Sol.69.(b) large cities, have began to
'Has/have/had' is always followed by the third form of the verb. 'Begun' is the correct third form. Hence, 'large cities, have begun to' is the most appropriate answer.

Sol.70.(b) lately ideas were.
The given sentence needs the adjective 'late' to describe the noun 'ideas', not the adverb 'lately'. Hence 'latest ideas were' is the most appropriate answer.

Sol.71.(a) Wellness - state of being in good health.
Malaise - a general feeling of discomfort, illness, or unease.
Disquiet - feeling of worry or unease.
Angst - feeling of anxiety or dread.
Unease - a feeling of discomfort.

Sol.72.(d) Omnipresent - present everywhere at the same time.
Ubiquitous - present, appearing, or found everywhere.
Obsolete - outdated or no longer in use.
Irreplicable - not able to be replicated.
Candid- truthful and straightforward.

Sol.73.(b) easily domesticated
The third form of the verb (domesticated) will be used as the given sentence is in the passive voice. Then, we need an adverb to modify the verbs 'domesticated' and 'trained'. Hence, 'easily domesticated' is the most appropriate answer.

Sol.74.(c) uncontrovursial
'Uncontroversial' is the correct spelling.

Sol.75.(c) playing until that score
'To + V_1' is the correct grammatical structure. Hence, 'play until that score' is the most appropriate answer.

Sol.76.(b) generally
The given sentence needs an adverb to modify the verb 'condemn'. 'Generally' is an adverb. Hence, 'generally' is the most appropriate answer.

Sol.77.(d) words
'Words' means language in speech or writing. The given passage states that historians generally condemn the acquisition of Sindh by the British in strong words. Hence, 'words' is the most appropriate answer.

Sol.78.(a) manufactured
The third form of the verb will be used as the given sentence is a passive voice of simple past tense (**i.e.** was/were + V_3). Hence, 'manufactured' is the most appropriate answer.

Sol.79.(c) deceit
'Deceit' means the use of deception or dishonesty. The given passage states that like many episodes in the British conquest of India, the Afghan war is also a tale of bullying tactics and deceit. Hence, 'deceit' is the most appropriate answer.

Sol.80.(c) hands
The phrase 'at the hands of' means because of someone else's actions. The given passage states that the English suffered terribly because of the actions of the Afghans. Hence, 'hands' is the most appropriate answer.

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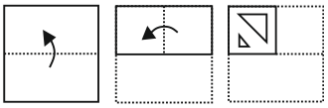
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SSC GD Constable 23/02/2024 (4th Shift)

Reasoning

Q.1. In the following question, select the related letter pair from the given alternatives.
CO : XJ : : ?
(a) EQ : ZL (b) HU : IV
(c) DQ : ET (d) PS : RV

Q.2. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened.



(a)  (b) 
(c)  (d) 

Q.3. Which of the following numbers will replace the question mark (?) in the given series ?
18, 23, 32, 37, 46, ?
(a) 49 (b) 51 (c) 61 (d) 57

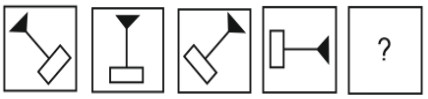
Q.4. By Interchanging the given two numbers (not digits) which of the following equation will be not correct ?
2 and 3
(a) 5 - 3 ÷ 1 × 2 + 7 = 6
(b) 7 + 8 - 6 ÷ 2 × 3 = 11
(c) 8 + 7 × 3 - 6 ÷ 2 = 22
(d) 7 × 3 - 9 ÷ 2 + 4 = 15

Q.5. Five persons A, B, C, D and E are sitting around a circular table facing towards the centre (not necessarily in the same order). B is sitting second to the right of D. A is sitting second to the right of B. C is not an immediate neighbour of A. Who is sitting on the immediate right of D?
(a) B (b) E (c) A (d) C

Q.6. Which of the following numbers will replace the question mark (?) in the given series?
15, 31, 63, 127, 255, ?
(a) 482 (b) 511 (c) 358 (d) 629

Q.7. After arranging the given words according to dictionary order, which word will come at 'Fifth' position ?
1. Rebind 2. Rebate 3. Rebirth
4. Rebel 5. Rebeck
(a) Rebate (b) Rebirth
(c) Rebeck (d) Rebel

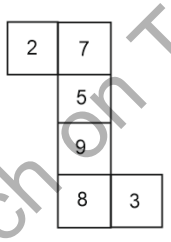
Q.8. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

Q.9. Eight boys A, B, C, D, E, F, G and H are sitting in a row facing towards the south (not necessarily in the same order). A and H are at extreme ends of the row. E and F are immediate neighbours of B. C is fourth to the left of B. F is to the immediate left of A. D is not the immediate neighbour of C. Who is sitting on the immediate right of C ?
(a) E (b) H (c) G (d) D

Q.10. On folding the given die, which number will be opposite to the number 9 ?



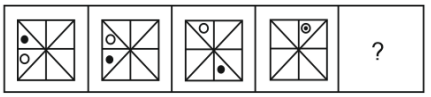
(a) 2 (b) 3 (c) 7 (d) 5

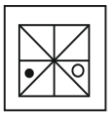
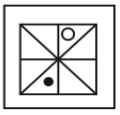
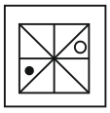
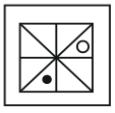
Q.11. In a certain code language, 'MATHS' is coded as '56012', 'PASTE' is coded as '05769', 'NASAL' is coded as '86356'. What can be the code for 'N' in that code language?
(a) 8 (b) 6 (c) 2 (d) 5

Q.12. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
MQRT, QUVX, UYZB, YCDF, ?
(a) BQMR (b) CGHJ (c) CMRQ (d) CMCF

Q.13. In a certain code language, 'SATIN' is coded as '35247', 'SCARE' is coded as '26839', 'SOUT' is coded as '0341'. What can be the code for 'I' in that code language ?
(a) 3 (b) 4 (c) 2 (d) 5

Q.14. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 
(c)  (d) 

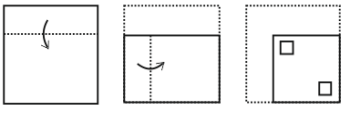
Q.15. In the following question, select the related letters from the given alternatives.
PSV : QTW :: CGK : ?
(a) DHL (b) ZAC (c) HUV (d) XKL

Q.16. P is the sister of Q . Q is the mother of S. S is the brother of R. R is the father of T. T is the husband of U. How is R related to U ?
(a) Husband's father (b) Mother
(c) Son (d) Father

Q.17. Which two signs should be interchanged to make the given equation correct ?
12 + 6 × 2 - 24 ÷ 8 = 3
(a) × and - (b) - and =
(c) ÷ and - (d) + and -

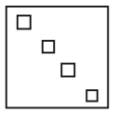
Q.18. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements:
I. Some F are T.
II. All F are K.
Conclusions:
I. Some K are T.
II. All T are F.
III. All K are F.
(a) Neither conclusion follows
(b) Only conclusion II follows
(c) Only conclusion I follows
(d) Both conclusions I and III follows

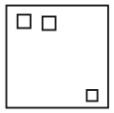
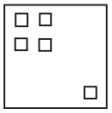
Q.19. A paper is folded and cut as shown below. How will it appear when unfolded ?



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(a)  (b) 

(c)  (d) 

Q.20. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
abbab _ b _ bb _ babb _ bb
(a) babb (b) abab (c) abbb (d) baba

General Awareness

Q.21. The_____ has the power to summon and prorogue either House of Parliament or to dissolve Lok Sabha.
(a) Prime Minister
(b) Chief Justice of India
(c) Lok Sabha Speaker
(d) President

Q.22. Who among the following is appointed as 25th Director General of Indian Coast Guard ?
(a) Krishnaswamy Natarajan
(b) Rakesh Pal
(c) Virender Singh Pathania
(d) Rajendra Singh

Q.23. Who among the following people was popular as the "Nightingale of India"
(a) Indira Gandhi
(b) Sarojini Naidu
(c) Margaret Thatcher
(d) Beryl Markham

Q.24. Which game uses the Elo rating system to assess the skill levels of its players ?
(a) Chess (b) Basketball
(c) Tennis (d) Badminton

Q.25. What is the total literacy rate according to the 2001 census of India ?
(a) 64.83 percent (b) 70.83 percent
(c) 60.83 percent (d) 68.83 percent

Q.26. Which of the following statements is NOT correct regarding Fundamental Duties mentioned in the Indian Constitution ?
(a) The Constitution (Forty-second Amendment) Act, 1976 is related to the Fundamental Duties
(b) The Constitution (Eighty-sixth Amendment) Act, 2002 is related to the Fundamental Duties
(c) Fundamental Duties are mentioned in PART VA in the Indian Constitution
(d) Fundamental Duties are mentioned in Article 51A in the Indian Constitution

Q.27. With respect to the green revolution, what does 'HYV' stands for ?
(a) High Yielding Varieties
(b) High Young Varieties
(c) Heavy Young Varieties
(d) Heavy Youth Varieties

Q.28. Which of the following countries is NOT a member of SAARC ?
(a) Nepal (b) China
(c) Bangladesh (d) Bhutan

Q.29. The ___ Dance Festival is organized by the Kerala Tourism Development Corporation. It is celebrated twice a year, once in the month of October-November and then in the month of March-April in Kanakunnu palace compound, in the city of Trivandrum or Thiruvananthapuram, Kerala.
(a) Mamallapuram Utsav
(b) Hampi Dance Utsav
(c) Nishagandhi Festival
(d) Natyanjali Utsav

Q.30. Making sugar from sugar cane falls under which sector of economic activity ?
(a) Secondary sector
(b) Quaternary sector
(c) Tertiary Sector
(d) Primary sector

Q.31. Which element has the highest atomic number and is the heaviest naturally occurring element ?
(a) Thorium (Th) (b) Plutonium (Pu)
(c) Neptunium (Np) (d) Uranium (U)

Q.32. The aim of the MISTHI Scheme is to protect and revive _____ ecosystem on the Indian coast while enhancing the socio-economic status of nearby communities
(a) coniferous (b) every
(c) deciduous (d) mangrove

Q.33. Which of the following pair regarding event and its type is correct ?
I. Javelin - Jumping
II. high jump - Throwing
(a) Only I (b) Both I and II
(c) Only II (d) Neither I nor II

Q.34. Who has assumed the charge as Chairperson, International Financial Services Centres Authority (IFSCA) from August 2023 ?
(a) Vijay Sampla (b) K.N. Vyas
(c) Dinkar Gupta (d) K. Rajaraman

Q.35. Which classical dancer was one of the youngest recipient of Padma Bhushan (1992) for her contributions to the field of classical dancing ?
(a) Rukmini Devi Arundale
(b) Alarmel Valli
(c) Sonal Mansingh
(d) Mallika Sarabhai

Q.36. Which sport is played by the Indian sportsperson Ankita Das ?
(a) Badminton (b) Volleyball
(c) Table Tennis (d) Squash

Q.37. To which of the following states does the dance form Chhau belong ?
(a) Tamil Nadu (b) West Bengal
(c) Maharashtra (d) Uttarakhand

Q.38. In south India, the_____ was a village assembly found in areas where the landowners were not brahmins.
(a) Kayasthas (b) Ur
(c) Samantas (d) Nagaram

Q.39. Who is known as the father of the green revolution in India ?
(a) M.S Swaminathan
(b) Sam Pitroda
(c) Verghese Kurien
(d) Durgesh Patel

Q.40. Krishna Rao Shankar Pandit, Raja Bhaiya Poonchwale are associated with which Gharana?
(a) Gwalior Gharana
(b) Agra Gharana
(c) Jaipur Atrauli Gharana
(d) Lucknow Gharana

Quantitative Aptitude

Q.41. Initial value of a car is Rs. 150000. The value of car depreciated by 20 percent of its initial value each year. What will be its value after 2 years ?
(a) Rs. 82000 (b) Rs. 84000
(c) Rs. 78000 (d) Rs. 96000

Q.42. Find the value of
$12 \times 5 \times 3 \div [129 - 69]$.
(a) 3 (b) 6 (c) 9 (d) 2

Q.43. A shopkeeper sold a flower pot for Rs. 3500. If the cost price of the flower pot is Rs.2800, find the profit percent.
(a) 25% (b) 15% (c) 30% (d) 20%

Q.44. The average of 16.5, 9, 10.5, 12.5 and Y is 12.5. What is the value of Y ?
(a) 17 (b) 16 (c) 14 (d) 11

Q.45. Simplify: $24 \div (2 \times 3) + 1$.
(a) 7 (b) 3 (c) 5 (d) 4

Q.46. A is 40 percent less efficient than B. If B can make a helmet in 16 days, then in how many days can A make the same helmet ?

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(a) $\frac{75}{4}$ days (b) $\frac{80}{7}$ days
(c) $\frac{90}{7}$ days (d) $\frac{80}{3}$ days

Q.47. The average marks obtained by a group of 11 students is 53 and the average marks obtained by another group of 13 students is 48. What is the average marks obtained by all 24 students (approximately) ?
(a) 46.32 (b) 50.29 (c) 48.14 (d) 52.45

Q.48. What is the value of
1.4 × 1.4 + 1.2 × 1.2 + 1.3 × 1.3 ?
(a) 9.29 (b) 5.09 (c) 2.19 (d) 8.19

Q.49. In a mixture of 220 litre the ratio of water and milk is 6 : 5 respectively. How much water must be added to make the ratio of water and milk as 5 : 4 respectively ?
(a) 3 litre (b) 5 litre (c) 2 litre (d) 10 litre

Q.50. A can do a piece of work in 55 days. He works for 20 days and then B alone finishes the remaining work in 49 days. How many days will both take together to complete the work ?
(a) $\frac{445}{14}$ days (b) $\frac{514}{55}$ days
(c) $\frac{124}{5}$ days (d) $\frac{385}{12}$ days

Q.51. What is that rate of simple interest at which a sum of money becomes three times of itself in 34 years ?
(a) 5.68 percent (b) 5.88 percent
(c) 6.82 percent (d) 5.29 percent

Q.52. The marked price is 28% higher than the cost price. A discount of 15% is given on the marked price. What is the gain or loss percentage ?
(a) 4.4% loss (b) 8.8% gain
(c) 5.2% loss (d) 6.5% gain

Q.53. What is the value of
$\frac{144}{33}$ of $\frac{11}{12}$ - $\frac{132}{13}$ of $\frac{52}{12}$?
(a) 40 (b) 44 (c) - 44 (d) - 40

Q.54. If 30 percent of E is equal to 60 percent of F, then what is the value of E : F ?
(a) 5 : 1 (b) 4 : 1 (c) 2 : 1 (d) 3 : 1

Q.55. The selling price of a car is Rs. 640. If the car is sold at a discount of 60 percent, then what will be the marked price of the car ?
(a) Rs. 1800 (b) Rs. 2400
(c) Rs. 2000 (d) Rs. 1600

Q.56. Two trains are running in opposite direction with the same speed. If the length of each train is 160 metres and they cross each other in 32 seconds, then what is the speed of each train ?
(a) 72 km/hr (b) 36 km/hr
(c) 18 km/hr (d) 45 km/hr

Q.57. P sells a chair to Q at a profit of 40 percent and Q sells it to R at a profit of 80 percent. What is the ratio of cost prices of P and R ?
(a) 12 : 25 (b) 13 : 12
(c) 25 : 36 (d) 25 : 63

Q.58. A man spends 58% of his income. His income increases by 30% and his expenditure also increases by 25%. Find the percentage of increase in his savings.
(a) 66.2% (b) 36.9% (c) 55.7% (d) 42.5%

Q.59. In a class, 38 percent are boys and the number of girls are 31. What is the number of boys in the class?
(a) 19 (b) 17 (c) 16 (d) 15

Q.60. The length of the side of a cube is 13 cm. What is the lateral surface area of the cube ?
(a) 625 cm² (b) 484 cm²
(c) 576 cm² (d) 676 cm²

English

Q.61. Choose the word that means the same as the given word.
Agreement
(a) Census (b) Puny
(c) Consent (d) Celibate

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. The cause for the collapse is still under investigation.
(a) No error
(b) the collapse is
(c) The cause for
(d) still under investigation.

Q.63. Select the sentence with no spelling errors.
(a) Men and women balanse each other out, and we have to get to a point where we are comfortable with appreciating each other.
(b) Men and women balance each other out, and we have to get to a point where we are comfurtable with appreciating each other.
(c) Men and women balance each other out, and we have to get to a point where we are comfortable with appreaciating each other.
(d) Men and women balance each other out, and we have to get to a point where we are comfortable with appreciating each other.

Q.64. Select the most appropriate word to fill in the blank.
His first marriage was certainly a_____ in judgment.
(a) fail (b) loss (c) loose (d) lapse

Q.65. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. There will be many important lessons to be learn from the COVID-19 pandemic.
(a) No error
(b) lessons to be learn
(c) There will be many important
(d) from the COVID-19 pandemic

Q.66. Select the most appropriate option for the given blank.
They are _____ an election in their college.
(a) holding (b) admitting
(c) becoming (d) summing

Q.67. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
He's take an course in marketing.
(a) takes a course (b) taking a course
(c) No improvement (d) take a course

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I know how hardest you have tried to fit in my shoes.
(a) you have tried to
(b) No error
(c) I know how hardest
(d) fit in my shoes

Q.69. Select the most appropriate option for the given blank.
I have been_____ in a very good family.
(a) strengthened (b) raised
(c) uplifted (d) boosted

Q.70. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
I worked for hours on that project but now it is cancelled.
All my hard work has been wasted.
(a) Beat the drum
(b) Gone down the drain
(c) In the same boat
(d) Through thick and thin

Q.71. Choose the most appropriate antonym of the underlined word.
He made me think of an old time magician more than anything, and I felt

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that with a touch of his wand he could **transform** us all.
(a) Alter (b) Stagnate
(c) Commute (d) Convert

Q.72. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Neck or nothing
(a) Under going great risks
(b) To have no money
(c) Passion for singing
(d) Next to nothing

Q.73. Select the most appropriate word to fill in the blank.
He would have preferred anger to her cold _____.
(a) indifference (b) differently
(c) difference (d) indifferent

Q.74. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
Having settled that I must go to the Blue Boar, my mind was (much more disturb by indecision) whether or not to take the Avenger.
(a) No correction required
(b) much disturbed by indecision
(c) much disturb by indecisions
(d) more disturb by indecisions

Q.75. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/ words.
(a) He unlocked the door, and I cleared out up the river-bank.
(b) I noticed some pieces of limbs and such things floating down, and a sprinkling of bark
(c) I reckonned I wouldn't stay on hand till he got that chance.
(d) I went along up the bank with one eye out for pap and the other one out for what the rise might fetch along.

Cloze Test :
Direction :- [Q.76. to Q.80.]
In recent years, outbreaks of HINI, dengue, chikungunya, etc., have kept state health departments (76) _____ the country busy. During the 2018 Nipah outbreak, Kerala (77)_____ challenges like mobilising diagnostic facilities, planning treatment protocols, setting up isolation wards, procuring protective gear (78)_____ vaccines, spreading awareness and instituting community surveillance. (79) _____ states must also prepare for (80)_____ contingencies.

Q.76. (a) with (b) across
(c) along (d) among

Q.77. (a) surrendered (b) accepted
(c) casted (d) faced

Q.78. (a) and (b) or (c) yet (d) but

Q.79. (a) Every (b) Other
(c) None (d) Another

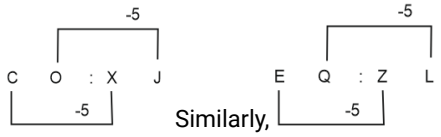
Q.80. (a) such (b) like (c) both (d) that

Answer Key :-

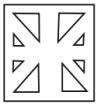
1.(a)	2.(a)	3.(b)	4.(c)
5.(d)	6.(b)	7.(b)	8.(a)
9.(c)	10.(c)	11.(a)	12.(b)
13.(d)	14.(d)	15.(a)	16.(a)
17.(d)	18.(c)	19.(d)	20.(a)
21.(d)	22.(b)	23.(b)	24.(a)
25.(a)	26.(c)	27.(a)	28.(b)
29.(c)	30.(a)	31.(d)	32.(d)
33.(d)	34.(d)	35.(c)	36.(c)
37.(b)	38.(b)	39.(a)	40.(a)
41.(d)	42.(a)	43.(a)	44.(c)
45.(c)	46.(d)	47.(b)	48.(b)
49.(b)	50.(d)	51.(b)	52.(b)
53.(d)	54.(c)	55.(d)	56.(c)
57.(d)	58.(b)	59.(a)	60.(d)
61.(c)	62.(c)	63.(d)	64.(d)
65.(b)	66.(a)	67.(b)	68.(c)
69.(b)	70.(b)	71.(b)	72.(a)
73.(a)	74.(b)	75.(b)	76.(b)
77.(d)	78.(a)	79.(b)	80.(a)

Solutions :-

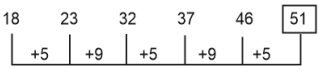
Sol.1.(a)



Sol.2.(a)

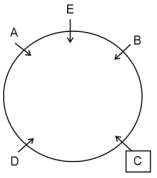


Sol.3.(b)

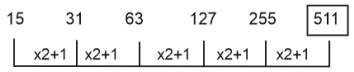


Sol.4.(c) After going through all the options, option c satisfies. After interchanging 2 and 3 we get,
8 + 7 × 2 - 6 ÷ 3
8 + 14 - 2 = 20
L.H.S. ≠ R.H.S.

Sol.5.(d)



Sol.6.(b)

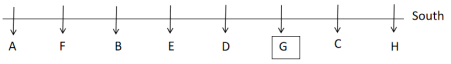


Sol.7.(b) The correct order is
Rebate(1) → Rebeck(2) → Rebel(3) → Rebind(4) → Rebirth(5)

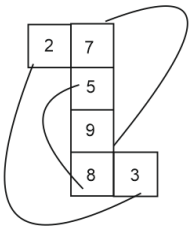
Sol.8.(a)



Sol.9.(c)

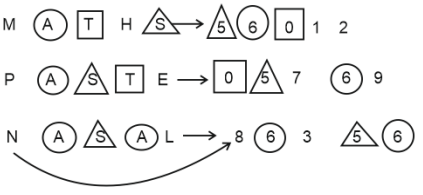


Sol.10.(c)



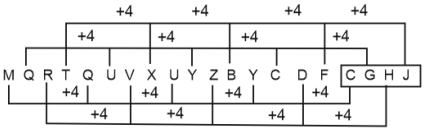
From the figure we can see that 9 ↔ 7

Sol.11.(a)



Here the code of N can be either 8 or 3 but in option, 8 is given. The correct answer is 8.

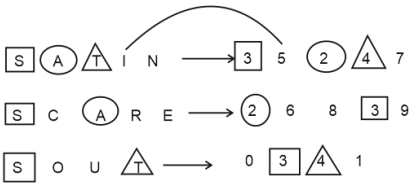
Sol.12.(b)



Sol.13.(d)

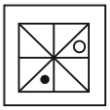
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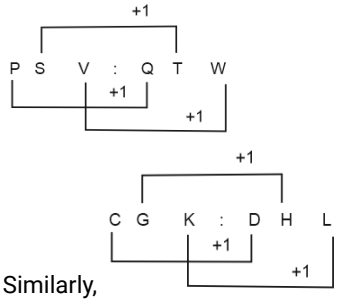


Here the code for I can either be 5 or 7 ,but in option , 5 is given.The correct answer is 5.

Sol.14.(d)

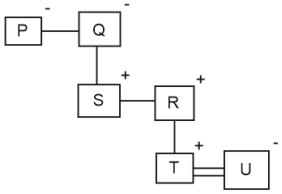


Sol.15.(a)



Similarly,

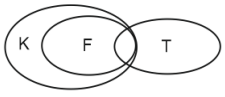
Sol.16.(a)



R is the father of U's husband.

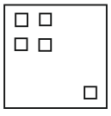
Sol.17.(d) Given :- 12 + 6 × 2 - 24 ÷ 8 = 3
After going through all the options, option (d) satisfies.
After interchanging + and - we get
12 - 6 × 2 + 24 ÷ 8
12 - 12 + 3 = 3
L.H.S. = R.H.S.

Sol.18.(c)



Only conclusion I follow.

Sol.19.(d)



Sol.20.(a) abb / ab**b**b / **a**bb**b**b / abb**b**bb

Sol.21.(d) President. As per Article 85, The President may from time to time prorogue the Houses or either House and dissolve the House of the People. The gap between two sessions of Parliament shall not exceed six months, ensuring that Parliament meets at least twice a year. In the case of the state legislature, the Governor has the power (Article 174) to summon and prorogue either the House of legislature or to dissolve the Legislative assembly.

Sol.22.(b) Rakesh Pal. The Indian Coast Guard (ICG) was formally established in August 1978 by the Coast Guard Act, 1978, as an independent armed force of India. It has jurisdiction over India's territorial waters, including the contiguous zone and the Exclusive Economic Zone (EEZ). Its motto is 'Vayam Rakshamah' – We Protect. The headquarters is located in New Delhi.

Sol.23.(b) Sarojini Naidu was famously known as Bharat Kokila (The Nightingale of India). She was the first Indian woman president of the Indian National Congress (INC) in 1925. Her notable works include The Golden Threshold (1905), The Bird of Time (1912), and The Village Song (1912).

Sol.24.(a) Chess. The Elo rating system was created by Arpad Elo. Some chess terms include checkmate, cramped, gambit, grandmaster, mate, and stalemate.

Sol.25.(a) 65.38 percent. As per census 2001, Male literacy rate was 75.85 %, Females literacy rate was 54.16%, and Overall literacy rate was 65.38%. As per census 2011, the literacy rate of India is 74.04%. Male literacy rate is 82.14% and Female literacy rate is 65.46%.

Sol.26.(c) Fundamental Duties are mentioned in PART IVA (Article 51A) of the Constitution. Fundamental Duties were included in the Constitution by Forty-second Amendment Act, 1976. Originally, there were 10 Fundamental duties. Eighty-sixth Amendment Act, 2002 added one new Fundamental duties in article 51A(k).

Sol.27.(a) High Yielding Varieties. The Green Revolution was initiated by Norman Borlaug in the 1960s. He is known as the 'Father of Green Revolution' in world. In India, M.S. Swaminathan is known as the 'Father of Green Revolution'. Green revolution refers to the large increase in production of food grains resulting from the use of high yielding variety (HYV) seeds.

Sol.28.(b) China. The South Asian Association for Regional Cooperation (SAARC) was established in Dhaka in 1985. Its headquarters is located in Kathmandu, Nepal. SAARC comprises eight member states: Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka, and Afghanistan (new member). There are currently nine observers to SAARC: Australia, China, the European Union, Iran, Japan, the Republic of Korea, Mauritius, Myanmar, and the United States of America.

Sol.29.(c) Nishagandhi Festival
is a seven-day event that attracts artists from across the nation, showcasing performances in Mohiniyattam, Kathak, Kuchipudi, Bharatanatyam, Manipuri, and more. Other famous festivals of Kerala include Onam, Attukal Pongala, Vishu, Thrissur Pooram, Theyyam Festival, Boat Race Festival, Makaravilakku, and Adoor Gajamela.

Sol.30.(a) Secondary sector
covers activities in which natural products are changed into other forms through ways of manufacturing that we associate with industrial activity. It is the next step after the primary sector. For example, using cotton fibre from the plant, we spin yarn and weave cloth. Using sugarcane as a raw material, we make sugar or gur. We convert earth into bricks and use bricks to make houses and buildings.

Sol.31.(d) Uranium (U). The heaviest naturally occurring element is uranium, with an atomic number of 92 and an atomic weight of 238 u. The heaviest element discovered is Ununoctium or Oganesson with atomic number 118 but it is a man-made element.

Sol.32.(d) mangrove. Union Budget 2023-24 announced 'Mangrove Initiative for Shoreline Habitats & Tangible Incomes (MISHTI)' to promote and conserve mangroves as a unique, natural ecosystem having very high biological productivity and carbon sequestration potential, besides working as a bio shield. It was launched in 2023. Mangrove Alliance for Climate (MAC): It was launched by the UAE and Indonesia on the sidelines of the UN climate summit COP27, being held in Sharm El Sheikh in Egypt.

Sol.33.(d) Neither I nor II. Javelin Throw, Discus Throw, Shot Put, and Hammer Throw are types of Throwing game. High Jump, Long Jump, Triple Jump (Hop-step-jump), Pole Vault are types of Jumping game.

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Sol.34.(d) K. Rajaraman. The IFSCA is a statutory authority established under the International Financial Services Centres Authority Act, 2019 with a mandate to develop and regulate the financial products, financial services, and financial institutions in the International Financial Services Centres (IFSC). It consists of nine members, appointed by the central government. All members of the IFSC Authority will have a term of three years, subject to reappointment.

Sol.35.(c) Sonal Mansingh is a renowned Indian classical dancer and Guru, celebrated for her mastery in Bharatanatyam and Odissi dance styles. Her exceptional contributions to Indian classical dance have earned her significant recognition, including the prestigious Padma Bhushan in 1992 and the Padma Vibhushan in 2003.

Sol.36.(c) Table Tennis. Other notable Indian table tennis players include Manika Batra, Sathiyan Gnanasekaran, Sharath Kamal, Kamlesh Mehta, Neha Aggarwal, Anthony Amalraj, Harmeet Desai, Manav Thakkar, and Mouma Das.

Sol.37.(b) West Bengal. Chhau is a semi-classical Indian dance form with three subtypes: Purulia Chhau (West Bengal), Mayurbhanj Chhau (Odisha), and Seraikella Chhau (Jharkhand). According to India's Ministry of Culture, Chhau is recognized as one of the classical dance forms of India.

Sol.38.(b) Ur. Nagaram was an organization of merchants. It is likely that these assemblies were controlled by rich and powerful landowners and merchants. **Samantas** were military leaders who provided the king with troops whenever he needed them. **Agrahara** was land granted to a Brahmana, who was usually exempted from paying land revenue and other dues to the king, and was often given the right to collect these dues from the local people.

Sol.39.(a) M.S Swaminathan made a significant contribution to increasing the productivity of Indian agriculture, helping to achieve food security. He has been honored with the Padma Shri (1967), Padma Bhushan (1972), Padma Vibhushan (1989), and the Bharat Ratna (posthumously in 2024). Norman Borlaug is considered the father of the Green Revolution in the World.

Sol.40.(a) Gwalior Gharana. It belongs to the Khayal style of Hindustani classical music. It was founded by Ustad Nathan Pir Baksh and Ustad Nathu Khan. Gwalior, in Madhya Pradesh, the birthplace of the famed Indian classical singer Tansen, has been declared a 'Creative City of Music' by the United Nations Educational, Scientific and Cultural Organization (UNESCO).

Sol.41.(d) Value of car after 2 yrs
$= 1{,}50{,}000 \times \frac{80}{100} \times \frac{80}{100} = ₹96{,}000$

Sol.42.(a) $12 \times 5 \times 3 \div [129 - 69]$
$= 180 \div 60 = 3$

Sol.43.(a) CP : SP = 2800 : 3500 = 4 : 5
Profit% $= \frac{5-4}{4} \times 100 = \frac{100}{4} = 25\%$

Sol.44.(c) Net deviation = +4 +(-3.5) + (-2) + 0 = -1.5
Y = 12.5 + 1.5 = 14
Alternate ;
$\frac{16.5 + 9 + 10.5 + 12.5 + Y}{5} = 12.5$
$\frac{48.5 + Y}{5} = 12.5$
$48.5 + Y = 62.5 \Rightarrow Y = 14$

Sol.45.(c) $24 \div (2 \times 3) + 1$
$24 \div 6 + 1 = 5$

Sol.46.(d)
Ratio of the efficiency of A and B = 3 : 5
Total work = 5 × 16 = 80 unit
Time taken by A to make the same helmet = $\frac{80}{3}$ days

Sol.47.(b)
No. of students ⇒ 11 13
Average marks ⇒ 53 53 - 5
Net average = $53 - \frac{13 \times 5}{11 + 13} = 53 - \frac{65}{24}$
= 53 - 2.71 = 50.29

Sol.48.(b) $(1.4)^2 + (1.2)^2 + (1.3)^2$
= 1.96 + 1.44 + 1.69 = 5.09

Sol.49.(b)
Balancing the given ratio, we have ;

	Water		Milk
Initial mixture	$6_{\times 4}$	:	$5_{\times 4}$ = 24 : 20
Final mixture	$5_{\times 5}$	:	$4_{\times 5}$ = 25 : 20

Total mixture = 24 + 20 = 44 unit
Quantity of water to be added
$= \frac{25 - 24}{44} \times 220 = 5$ litres

Sol.50.(d) Let the efficiency of A and B be a and b respectively
Total work = 55a
According to the question,
20a + 49b = 55a
49b = 35a
$\frac{b}{a} = \frac{35}{49} = \frac{5}{7}$
So, total work = 55 × 7 = 385 unit
Time taken by both to complete the whole work = $\frac{385}{5+7} = \frac{385}{12}$ days

Sol.51.(b) Principal : Amount = 100 : 300
SI = 300-100 = 200 unit
SI for 1 yr = $\frac{200}{34} = \frac{100}{17}$ unit
Rate = $\frac{100}{17} = 5.88\%$

Sol.52.(b)
Net profit/loss% = $(+28 - 15 - \frac{28 \times 15}{100})\%$
= 13 - 4.2 = +8.8% or 8.8% profit

Sol.53.(d) $\frac{144}{33}$ of $\frac{11}{12} - \frac{132}{13}$ of $\frac{52}{12}$
$\frac{12}{3} - (11 \times 4) = 4 - 44 = -40$
$\frac{12}{3} - (11 \times 4) = 4 - 44 = -40$

Sol.54.(c) 30% of E = 60% of F
$\frac{E}{F} = \frac{60}{30} = \frac{2}{1}$

Sol.55.(d) According to the question,
MP × $\frac{40}{100}$ = 640
MP = $640 \times \frac{100}{40}$ = ₹1600

Sol.56.(c)
Let the speed of each train be 'x' m
Relative speed of trains, running in opposite direction = $x + x = (2x)$ m/sec.
Total length of trains = 160×2 = 320 m
Distance = Speed × Time
$320 = 2x \times 32 = 64x$
$x = \frac{320}{64} = 5$ meter
Speed of each train = $5 \times \frac{18}{5} = 18$ km/hr

Sol.57.(d)
Let CP of a chair for 'P' be 100 unit
SP of the chair for P = CP of the chair for Q = 100 × 140% = 140 unit
Similarly, SP of the chair for Q = CP of the chair for R = 140 × 180% = 252 unit
Required ratio = 100 : 252 = 25 : 63

Sol.58.(b)

	Income	-	Expenditure	=	Saving
Initial	→ 100	-	58	=	42
% increase	→ 30	-	14.5	=	15.5

% increase in his savings = $\frac{15.5}{42} \times 100$
$\approx 36.9\%$

Sol.59.(a)

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Ratio of boys and girls = 38 : 62 = 19 : 31

No of boys in the class = $\frac{19}{31} \times 31 = 19$

Sol.60.(d) Lateral surface area of cube
= $4a^2 = 4 \times 13^2 = 676\ cm^2$

Sol.61.(c) Consent- to permit or agree.
Census- an official count or survey of a population.
Puny- small, weak, or insignificant.
Celibate- someone who abstains from marriage and sexual relations for religious reasons.

Sol.62.(c) The cause for
'Of' is used with 'cause' & 'for' is used with 'reason'. Hence, 'The cause of' is the most appropriate answer.

Sol.63.(d) Men and women balance each other out, and we have to get to a point where we are comfortable with appreciating each other.
'Balance', 'comforting' and 'appreciating' are the correct spellings.

Sol.64.(d) lapse
'Lapse' means a mistake. The given sentence states that his first marriage was a lapse in judgment. Hence, 'lapse' is the most appropriate answer.

Sol.65.(b) lessons to be learn
'To be + V_3' is the passive form of an infinitive. Hence, 'lessons to be leant' is the most appropriate answer.

Sol.66.(a) holding
The verb 'hold' is used with 'election', meaning to carry out the process of choosing a candidate. Hence, 'holding' is the most appropriate answer.

Sol.67.(b) taking a course
'Is/am/are + V_{ing}' is the structure of the present continuous tense. Hence, 'taking a course' is the most appropriate answer.

Sol.68.(c) I know how hardest
'Hardest' must be replaced with 'hard' as we use positive degree with the word 'how' to indicate the extent of something. Hence, 'I know how hard' is the most appropriate answer.

Sol.69.(b) raised
'Raised' means to take care of a person until they are grown up. The given sentence states that the person has been raised in a very good family. Hence, 'raised' is the most appropriate answer.

Sol.70.(b) Gone down the drain- cancelled.

Sol.71.(b) Stagnate- to stop developing or growing.
Transform- to change something completely.
Alter- to make a small or partial change.
Commute- to travel regularly between two places.
Convert- to change something into a different form or use.

Sol.72.(a) Neck or nothing- Undergoing great risks.
E.g.- He bet all his savings on the risky investment but it was neck or nothing.

Sol.73.(a) indifference
'Indifference' means lack of sympathy. The given sentence states that he would have preferred anger to her cold indifference. Hence, 'indifference' is the most appropriate answer.

Sol.74.(b) much disturbed by indecision
Past participle form of the verb is used in passive voice and with the adjective 'much'. Hence, 'much disturbed by indecision' is the most appropriate answer.

Sol.75.(b) I noticed some pieces of limbs and such things floating down, and a sprinkling of bark.
'Clear out the river-bank', 'reckoned' and 'went along the bank' are the correct phrases.

Sol.76.(b) across
'Across' means in every part of a place or country. The given passage states that outbreaks of HINI, dengue, chikungunya, etc., have kept state health departments across the country busy. Hence, 'across' is the most appropriate answer.

Sol.77.(d) faced
The given passage states that during the 2018 Nipah outbreak, Kerala faced several challenges. Hence, 'faced' is the most appropriate answer.

Sol.78.(a) and
'And' is used to add a word to a list of items. Hence, 'and' is the most appropriate answer.

Sol.79.(b) Other
The given sentence is talking about states other than Kerala. Hence, 'other' is the most appropriate answer.

Sol.80.(a) such
'Such' is used to refer back to something already mentioned. Here, it has been used to refer to the challenges faced by Kerala. Hence, 'such' is the most appropriate answer.

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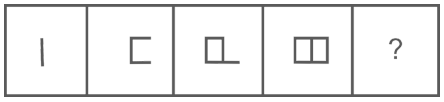
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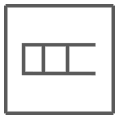
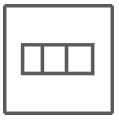
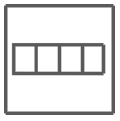
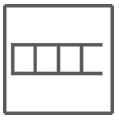
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24/02/2024 (1st Shift)

Reasoning

Q.1. In the following question, select the missing number from the given series.
1, 3, 7, 13, ?, 31
(a) 21 (b) 29 (c) 24 (d) 20

Q.2. Select the figure that will replace the question mark (?) in the following figure series.

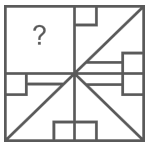


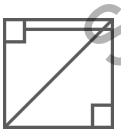
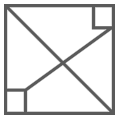
(a)  (b) 
(c)  (d) 

Q.3. If 10 A 5 B 6 C 2 = 53 and 6 A 4 B 8 C 2 = 28, then 17 A 5 B 18 C 9 = ?
(a) 91 (b) 87 (c) 95 (d) 90

Q.4. In the following question, select the related letters from the given alternatives
CPO : ANM : : JWX : ?
(a) LER (b) RAA (c) YKA (d) HUV

Q.5. Which answer figure will complete the pattern in the question figure? (rotation is not allowed)



(a)  (b) 
(c)  (d) 

Q.6. Six members of a family X, Y, Z, U, V and W are sitting at a circular table facing each other. Z sits immediate left of W, and Y sits second to the left of Z. X sits second to the left of U. Who is the immediate neighbor of both W and X
(a) Y (b) U (c) Z (d) V

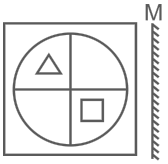
Q.7. Five friends P, B, C, G and H are sitting around a circular table facing the centre. H is sitting to the immediate right of C. B sits third to the left of H. P is not an immediate neighbor of C. Who is sitting to the immediate left of P?
(a) H (b) G (c) C (d) B

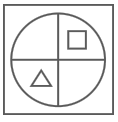
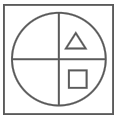
Q.8. 'A × B' means 'A is the husband of B'
'A + B' means 'A is brother of B'
'A ÷ B' means 'A is sister of B'
'A - B' means 'A is the wife of B'
How is X related to A in the expression
'X + Y ÷ Z - A' ?
(a) son (b) wife's brother
(c) sister's husband (d) brother

Q.9. Arrange the given words in the sequence in which they occur in the dictionary .
1. Lens 2. Lenient 3. Length
4. Lend 5. Lent
(a) 3, 4, 2, 5, 1 (b) 3, 4, 5, 2, 1
(c) 4, 3, 2, 1,5 (d) 4, 3, 2, 5, 1

Q.10. In the following question, select the missing number from the given series.
50, 52, 56, 64, 80, ?
(a) 115 (b) 112 (c) 120 (d) 130

Q.11. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure

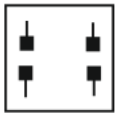
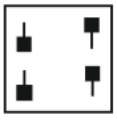
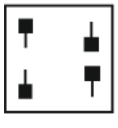
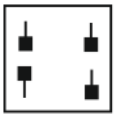


(a)  (b) 
(c)  (d) 

Q.12. In a certain code language, 'HEIGHT' is coded as "FCGDEQ . What is the code for METHOD' in that code language ?
(a) KCRELB (b) KCRFMB
(c) KCREMA (d) KCRELA

Q.13. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

Q.14. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series .
OP, ON, MN, ML,?
(a) KL (b) KR (c) KQ (d) KM

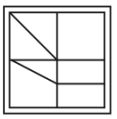
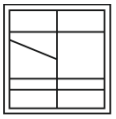
Q.15. In the following question some statements are given and some conclusions based on those statements are given. You have to consider the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and decide which of the given conclusions logically follows from the statements.
Statement :
I. No A is B.
II. Some B is P.
Conclusion :
I. Some B is not A.
II. Some P is not A.
(a) None of the conclusions follow the statements
(b) Conclusion only. I follows the statements
(c) Conclusion only. II follows the statements
(d) Conclusion. I And II Both statements follow

Q.16. Select the option that is related to the third word in the same way as the second word is related to the first word.
Detective : Clues : : Scientist : ?
(a) Experiments (b) Dance
(c) Paintings (d) Songs

Q.17. In a certain code language, RING' is coded as 'UMQK. What is the code for 'SAFE' in that code language?
(a) VEII (b) VEIJ (c) VEJJ (d) VFIT

Q.18. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is NOT allowed)



(a)  (b) 
(c)  (d) 

Q.19. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
aaaa_bbbbbaaaa_bbbbb_aa_abbbbbaaa aabbbbb
(a) bbaa (b) aaaa (c) abab (d) bbbb

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Q.20. By Interchanging the given two numbers (not digits) which of the following equation will be not correct?
7 and 3
(a) 9 × 7 + 3 - 4 ÷ 2 = 32
(b) 8 ÷ 2 + 9 × 3 - 7 = 64
(c) 7 + 3 × 8 - 8 ÷ 2 = 55
(d) 7 × 8 - 9 + 3 ÷ 1 = 30

General Awareness

Q.21. In classical dance, which of the following rasas represents "anger"?
(a) Shanta (b) Hasya
(c) Raudra (d) Veer

Q.22. "The State shall take steps to separate the judiciary from the executive in the public services of the State." This is of mentioned under _____ Constitution of India
(a) Part V (b) Part IV
(c) Part III (d) Part IV A

Q.23. What is the literacy rate among males in India according to the Literacy Rate 2011 census?
(a) 65.46% (b) 39.3%
(c) 74.04% (d) 82.14%

Q.24. The term 'Dhamma' is the Prakrit word that is associated with which of the following rulers of ancient India ?
(a) Chandragupta II (b) Rudradaman
(c) Raja Raja Chola I (d) Ashoka

Q.25. 77th Independence Day was celebrated in which year?
(a) 2023 (b) 2021 (c) 2022 (d) 2020

Q.26. The Directive Principles of State Policy in the Indian Constitution are primarily aimed at achieving
(a) Economic inequality
(b) Social and economic justice
(c) Religious harmony
(d) Political stability

Q.27. The social reformer Raja Ram Mohan Roy is associated with which socio-religious reform movement in India
(a) Swaminarayan Movement
(b) Theosophical Society
(c) Arya Samaj
(d) Brahmo Samaj

Q.28. Which artists have won the Sangeet Natak Akademi Award for contribution to Chhau dance of Seraikella?
(a) Tapan Kumar Pattanayak
(b) Diwan Sing Bajeli
(c) Narendra Sing Negi
(d) Jatin Goswami

Q.29. Read the following about Green Revolution.
A. The Green Revolution was an endeavour initiated by Norman Borlaug in the 1960s.
B. He is known as the 'Father of Green Revolution' in the world.
Identify the CORRECT statement/statements.
(a) Both A and B (b) Only A
(c) Neither A nor B (d) Only B

Q.30. Who has been appointed as the chairman of MasterCard India from September 2023?
(a) Narendra Singh (b) S.A. Panse
(c) Rajnish Kumar (d) Sanjiv Misra

Q.31. The Prime Minister Shri Narendra Modi launched 'Mera Yuva Bharat (MY Bharat) platform for youth of the country on October 31st 2023, at Kartavya Path on the National_____ Day.
(a) Unity (b) Health (c) Sports (d) Youth

Q.32. The Socio-Economic and Caste Census (SECC) 2011 conducted by the government of India ranked households in how many categories?
(a) Five (b) Six (c) Three (d) Four

Q.33. When a shuttle is fired high into the air, the player has time to make a powerful overhead shot (overhand shot) directly on the opposing court's command. It is known as _____.
(a) Long service (b) Rally
(c) Short service (d) Smash

Q.34. Read the following about the Revenue expenditure.
A. Revenue Expenditure is expenditure incurred for purposes other than the creation of physical or financial assets of the central government.
B. It relates to those expenses incurred for the normal functioning of the government departments and various services. interest payments on debt incurred by the government, and grants given to state governments and other parties (even though some of the grants may be meant for creation of assets).
Identify the INCORRECT statement statements
(a) Only A (b) Neither A nor B
(c) Only B (d) Both A and B

Q.35. Who of the following singer popularized the Sambalpuri folk song 'Rangabati Rangabati'?
(a) Sunidhi Chauhan (b) Krishna Patel
(c) Jonita Gandhi (d) Vani Jairam

Q.36. _____ of a substance is the temperature and pressure at which three phases (gas, liquid, and solid) of that substance may coexist in thermodynamic equilibrium
(a) Allotropic (b) Triple-point
(c) Tri-state (d) Amphibious

Q.37. During eighth Five year plan, India became a member of the World Trade Organization on 1 January _____ .
(a) 1948 (b) 1978 (c) 1998 (d) 1995

Q.38. Pool swimming at the Olympic Games takes place inside a _____ meter-long swimming pool divided into eight lanes.
(a) 75 (b) 50 (c) 100 (d) 25

Q.39. Which of the following won the maximum number of gold medals in the National Games 2023?
(a) Haryana (b) Services
(c) Madhya Pradesh (d) Maharashtra

Q.40. In September 2023, who has been elected to the post of Chairman of the Board of Directors of Press Trust of India for one year?
(a) K.N. Shanth Kumar
(b) MV Shreyams Kumar
(c) Hormusji N. Cama
(d) Mahendra Mohan Gupta

Quantitative Aptitude

Q.41. The average age of a group of 20 boys is 25 years. A boy aged 15 years leaves the group. A new boy joins the group and the average age of the group increases by 2 years. What is the age of the new boy?
(a) 50 years (b) 57 years
(c) 52 years (d) 55 years

Q.42. The marked price of a cycle is Rs. 2700. If 10 percent discount is given, then what will be the selling price of the cycle?
(a) Rs. 2430 (b) Rs. 2500
(c) Rs. 2400 (d) Rs. 2560

Q.43. Anil and Karan together can do a work in 20 days. Karan and Himanshu together can do the same work in 25 days. Himanshu and Anil together can do the same work in 50 days. In how many days can Himanshu alone do the same work?
(a) 240 days (b) 180 days
(c) 250 days (d) 200 days

Q.44. What is the value of
404 ÷ 2 -1008 ÷ 4 + 5 × 5 ?
(a) - 25 (b) - 15 (c) - 18 (d) - 22

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Q.45. Find the HCF of 84, 126, and 168.
(a) 44 (b) 49 (c) 40 (d) 42

Q.46. T alone can complete a work in 90 days. In how many days will T complete 20 percent of the same work?
(a) 21 days (b) 20 days
(c) 18 days (d) 7 days

Q.47. The cost of diamond is directly proportional to the square of its weight. The cost of diamond is Rs. 87880. It break into two pieces whose weight are in the ratio of 5 : 8. What is the loss incurred because of the breakage?
(a) Rs. 41600 (b) Rs. 32600
(c) Rs. 52600 (d) Rs. 36400

Q.48. An article is sold for Rs. 4400 at a loss of 20 percent. What is the cost price of the article?
(a) Rs. 5500 (b) Rs. 5000
(c) Rs. 5200 (d) Rs. 6200

Q.49. Rs. 9900 is divided among X, Y and Z in the ratio of 7 : 12 : 14 respectively. What is the share of Y?
(a) Rs. 900 (b) Rs. 3600
(c) Rs. 2100 (d) Rs. 4200

Q.50. Which of the following number is divisible by 4 ?
(a) 1734 (b) 2342 (c) 4348 (d) 1570

Q.51. An item is sold for Rs. 4964 after two successive discounts of 30 percent and 10 percent. What is the marked price of the article?
(a) Rs. 7200.47 (b) Rs. 7879.36
(c) Rs. 7120.46 (d) Rs. 6600

Q.52. In a class of 40 students, 30 are girls. What is the percentage of boys in the class?
(a) 18% (b) 25% (c) 13% (d) 24%

Q.53. The radius of a hemisphere is 3.5 cm. What will be its volume?
(a) 79.24 cm^3 (b) 89.83 cm^3
(c) 62.38 cm^3 (d) 98.89 cm^3

Q.54. In a group of 22 men, two men whose average age is 58 years are replaced by two new men. If the average age of the group decreases by 2 years, then what is the average age of two new men?
(a) 37 years (b) 32 years
(c) 35 years (d) 36 years

Q.55. The compound interest (compounding half yearly) received on Rs. 2200 for 1.5 years is Rs. 3836.8 What is the rate of interest per annum?
(a) 65 percent (b) 60 percent
(c) 80 percent (d) 75 percent

Q.56. The value of a car depreciates at the rate of 50 percent per annum. If its present value is Rs. 75000, then what was the value of the car 3 years ago?
(a) Rs. 750000 (b) Rs. 450000
(c) Rs. 600000 (d) Rs. 300000

Q.57. Aman goes to his office by car at the speed of 80 km/hr and reaches 10 minutes earlier. If he goes at the speed 30 km/hr. then he reaches 10 minutes late. What will be the speed of the car to reach on time?
(a) $\frac{480}{11}$ km/hr (b) $\frac{240}{6}$ km/hr
(c) $\frac{450}{7}$ km/hr (d) $\frac{480}{13}$ km/hr

Q.58. The Least Common Multiple of two prime numbers x and y, (x < y) is 141. Then what is the value of (y - 5x)?
(a) 32 (b) 30 (c) 38 (d) 40

Q.59. The difference between simple interest on a certain sum at the annual rate of 11 percent for 8 years and 9 years is Rs. 132. What is the sum?
(a) Rs.1300 (b) Rs.1450
(c) Rs.1100 (d) Rs.1200

Q.60. A person bought an article and sold it at a loss of 10 percent. If he had bought it for 30 percent less price and sold it for Rs. 20 more, then he would earn a profit of 40 percent. What is the cost price of the article?
(a) Rs. 250 (b) Rs. 200
(c) Rs. 300 (d) Rs. 350

English

Q.61. Choose the word that means the same as the given word.
Followed
(a) Transgressed (b) Obeyed
(c) Claimed (d) Disobliged

Q.62. Select the sentence with no spelling errors.
(a) I have spent a good bit of my career arguing for the virtues of solitude.
(b) I have spent a good bit of my career argueing for the virtues of solitude.
(c) I have spent a good bit of my career arguing for the virtues of soletude.
(d) I have spent a good bit of my carier arguing for the virtus of solitude.

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Rashi solved the problem in just 2 minutes; no doubt, she is the smarter of all..
(a) she is the smarter of all
(b) Rashi solved the problem in
(c) just 2 minutes; no doubt
(d) No error

Q.64. Select the most appropriate option for the given blank
My brother has _____ missing
(a) set (b) done (c) gone (d) moved

Q.65. Select the most appropriate option for the given blank.
Some people are_____ trouble in our neighbourhood
(a) baking (b) causing
(c) sinking (d) pouring

Q.66. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
We have to face <u>frequently flood</u> and droughts.
(a) No improvement (b) frequenter flood
(c) frequently floods (d) frequent floods

Q.67. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required if the sentence is correct as given.
(Even though rebel chieftains of the) Marathas and Sikhs recognised the Mughal emperor as the supreme authority
(a) Also rebel chieftains of those
(b) Included rebel chieftains of that
(c) No correction required
(d) Even rebel chieftains of the

Q.68. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To sit at someone's feet
(a) To attend upon as someone's disciple
(b) To wash someone's feet
(c) To be someone's equal
(d) To be proud of someone

Q.69. Choose the most appropriate antonym of the underlined word.
Zakir is a fearless and **<u>impetuous</u>** fighter, a former Guantanamo prisoner who earned a reputation for brutality on the battlefield.
(a) eager (b) fierce
(c) restive (d) cautious

Q.70. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Kids are always watching what you do and ignore what you says.

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(a) Kids are always watching
(b) No error
(c) what you says.
(d) what you do and ignore

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Neither of her cousins is readily to try their luck in this game.
(a) No error
(b) Neither of her cousins is
(c) luck in this game
(d) readily to try their

Q.72. Select the incorrectly spelt word from the given sentence.
A tool designed for an innocuous purpose can be easily used for the same function but with a far different aplication in mind.
(a) Innocuous (b) Function
(c) Aplication (d) Designed

Q.73. Improve the underlined part of the sentence. Choose "No improvement as an answer if the sentence is grammatically correct.
If the rained contimes, the river might flood.
(a) rain continues
(b) rain were continues
(c) No improvement
(d) rains continues

Q.74. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Everyone around me has **ignored** my plea.
(a) Let the cat out of the bag
(b) Turn a deaf ear
(c) Spill the beans
(d) Twist my arm

Q.75. Select the most appropriate option for the given blank.
She _____ for hours while the train rolled on.
(a) had slumber (b) slumbered
(c) slumbers (d) has slumbered

Cloze Test :
Direction :- [Q.76. to Q.80.]
The two, Sudama and Krishna, were (76)_____ To date, their oneness is an example of true friendship ahead of the planet. This is often the rationale why they are remembered (77)_____ the auspicious day of Friendship. Even after losing touch for several years after finishing their studies together, they did not (78)_____ the hope of meeting again. Sudama always had lord Krishna in his heart and soul and kept (79)_____ of him until they met again.
The entire incident when Sudama met Krishna after numerous years is so (80)_____ and unforgettable.

Q.76. (a) irrevocable (b) inked
(c) inseparable (d) insignificant

Q.77. (a) at (b) on (c) in (d) over

Q.78. (a) leaving (b) leave
(c) leaves (d) left

Q.79. (a) waiting (b) inspecting
(c) thinking (d) sinking

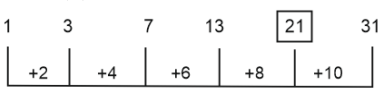
Q.80. (a) collective (b) tormenting
(c) touching (d) gruelling

Answer Key :-

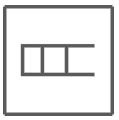
1.(a)	2.(a)	3.(b)	4.(d)
5.(a)	6.(d)	7.(a)	8.(b)
9.(c)	10.(b)	11.(c)	12.(d)
13.(a)	14.(a)	15.(d)	16.(a)
17.(a)	18.(b)	19.(b)	20.(d)
21.(c)	22.(b)	23.(d)	24.(d)
25.(a)	26.(b)	27.(d)	28.(a)
29.(a)	30.(c)	31.(a)	32.(c)
33.(d)	34.(b)	35.(b)	36.(b)
37.(d)	38.(b)	39.(d)	40.(a)
41.(d)	42.(a)	43.(d)	44.(a)
45.(d)	46.(c)	47.(a)	48.(a)
49.(b)	50.(c)	51.(b)	52.(b)
53.(b)	54.(d)	55.(c)	56.(c)
57.(a)	58.(a)	59.(d)	60.(a)
61.(b)	62.(a)	63.(a)	64.(c)
65.(b)	66.(d)	67.(d)	68.(a)
69.(d)	70.(c)	71.(d)	72.(c)
73.(a)	74.(b)	75.(b)	76.(c)
77.(b)	78.(b)	79.(c)	80.(c)

Solutions :-

Sol.1.(a)

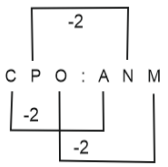


Sol.2.(a)

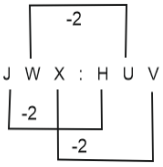


Sol.3.(b) Logic: Interchanging A, B, and C with ×, +, and ÷ respectively, we get,
10 A 5 B 6 C 2 = 53
⇒ 10 × 5 + 6 ÷ 2 = 53
6 A 4 B 8 C 2 = 28
⇒ 6 × 4 + 8 ÷ 2 = 28
similarly
17 A 5 B 18 C 9
⇒ 17 × 5 + 18 ÷ 9 = 87

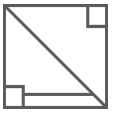
Sol.4.(d)



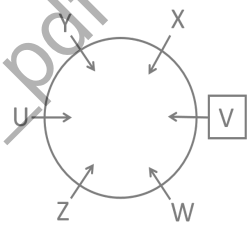
Similarly,



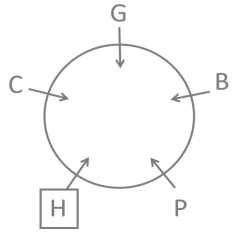
Sol.5.(a)



Sol.6.(d)



Sol.7.(a)



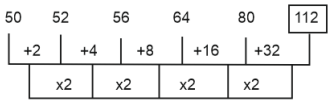
Sol.8.(b)



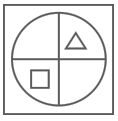
As we can see, X is the wife's brother of A.

Sol.9.(c) The correct order will be:
Lend(4) → Length(3) → Lenient(2) → Lens(1) → Lent(5)

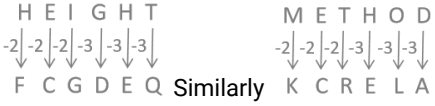
Sol.10.(b)



Sol.11.(c)



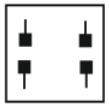
Sol.12.(d)



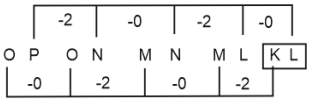
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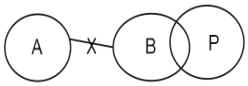
Sol.13.(a)



Sol.14.(a)



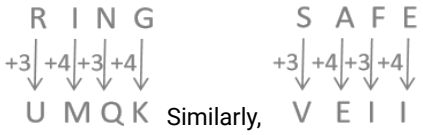
Sol.15.(d)



As we can see, statement I And II Both statements follow.

Sol.16.(a) Detective uses the clues for the operations of his work, in the same way scientist performs experiments for the operations of his work.

Sol.17.(a)



Sol.18.(b)



Sol.19.(b) aaaa**a**bbbbb / aaaa**a**bbbbb / **a**aa**a**abbbbb / aaaaabbbbb

Sol.20.(d) by interchanging the numbers 7 and 3 (not digits) as per the question in every option, we get:

(a) 9 × 7 + 3 - 4 ÷ 2 = 32
⇒ 9 × 3 + 7 - 4 ÷ 2 = 32
⇒ 27 + 7 - 2 = 32
⇒ 32 = 32 (correct)

(b) 8 ÷ 2 + 9 × 3 - 7 = 64
⇒ 8 ÷ 2 + 9 × 7 - 3 = 64
⇒ 4 + 63 - 3 = 64
⇒ 64 = 64 (correct)

(c) 7 + 3 × 8 - 8 ÷ 2 = 55
⇒ 3 + 7 × 8 - 8 ÷ 2 = 55
⇒ 3 + 56 - 4 = 55
⇒ 55 = 55 (correct)

(d) 7 × 8 - 9 + 3 ÷ 1= 30
⇒ 3 × 8 - 9 + 7 ÷ 1= 30
⇒ 24 - 9 + 7= 30
⇒ 22 ≠ 30
⇒ Here LHS ≠ RHS
Therefore option (d) is incorrect.

Sol.21.(c) Raudra. In Indian classical dance, there are traditionally considered to be nine main emotions or sentiments, known as the "Navrasas" or "Nine Rasas". These nine rasas are: Shringara (Romantic), Hasya (Comedic), Karuna (Pathetic), Raudra (Angry), Veera (Heroic), Bhayanaka (Fearful), Vibhatsa (Disgustful), Adbhuta (Wonderous), Shanta (Peaceful).

Sol.22.(b) Part IV of the Constitution of India (Article 36–51) contains the Directive Principles of State Policy (DPSP). These principles aim at ensuring socio-economic justice to the people and establishing India as a Welfare State. Part V – The Union (Article 52 – 151). Part III – Fundamental Rights (Article 12 – 35). Part IV A – Fundamental Duties (Article 51A).

Sol.23.(d) 82.14%. As per the census of 2011, the literacy rate of India is 74.04%. Literacy rate among males is 82.14% and among females is 65.46%. Among the states in India, Kerala had the highest literary rate with 93.91 percent in 2011. Jains are the most literate community in India.

Sol.24.(d) Ashoka was Emperor of Magadha and the third ruler from the Mauryan dynasty. Dhamma means Righteous living. The expression 'Dhamma Lipi' was used by Ashoka to describe his own Edicts. These inscriptions show Ashoka's view on 'dhamma' and his efforts to spread Buddhism throughout his kingdom.

Sol.25.(a) 2023. 77th Independence Day address on giant strides India has taken in the Electronics and IT Sector. Theme - Nation First, Always First. 'Har Ghar Tiranga' is a campaign under the aegis of Azadi Ka Amrit Mahotsav to encourage people to bring the Tiranga home and to hoist it to mark the 75th year of India's independence.

Sol.26.(b) Social and economic justice. Articles 36-51 under Part-IV of the Indian Constitution deal with Directive Principles of State Policy (DPSP). They are borrowed from the Constitution of Ireland. Acts enacted to enforce DPSP : Prevention of Atrocities Act (In favour of Article 46), Minimum Wages Act (In favour of Article 43), Equal Remuneration Act (In favour of Article 39).

Sol.27.(d) Brahmo Samaj (1828). Raja Ram Mohan Roy was given the title of Raja by Akbar II. His other titles- 'Herald of New Age', 'Father of Indian Renaissance'. Swaminarayan Movement: Started by Swaminarayan (also known as Sahajanand Swami) in early 19th century. Theosophical Society: Started by Helena Petrovna Blavatsky, Henry Steel Olcott and William Quan Judge in 1875. Arya Samaj: Started by Swami Dayananda Saraswati in 1875.

Sol.28.(a) Tapan Kumar Pattanayak. Sangeet Natak Akademi Award is the highest Indian recognition given to people in the field of performing arts. Chhau is a semi classical Indian dance with martial and folk traditions. It is found in three styles i.e., the Purulia Chhau (West Bengal), the Seraikella Chhau (Jharkhand) and the Mayurbhanj Chhau (Odisha).

Sol.29.(a) Both A and B. The Indian Green Revolution was the brainchild of M.S. Swaminathan. He is known as the Father of the Green Revolution in India. This revolution led to an increase in food grain production especially in Punjab, Haryana, and Uttar Pradesh. It included the use of products like High-Yielding Variety (HYV) seeds, tractors, irrigation facilities, pesticides, and fertilizers.

Sol.30.(c) Rajnish Kumar is an Indian banker. He held the position of Chairman of the State Bank of India (October 2017 to October 2020). Mastercard Inc. is an American multinational payment card services corporation headquartered in Purchase, New York. Founded - 1966. Brands - Cirrus, Maestro, Mondex, MasterPass. Services - Credit cards, Debit cards, Payment systems.

Sol.31.(a) Unity. Mera Yuva Bharat (MY Bharat) platform is an initiative of the Ministry of Youth Affairs & Sports to empower Indian youth through social mobility, educational equity, and practical skills. National Unity Day was introduced by the Government of India in 2014. The day is celebrated to mark the birth anniversary of Vallabhbhai Patel who had a major role in the political integration of India.

Sol.32.(c) Three. SECC 2011 included the following three components of the census: Rural census - It was conducted by the department of rural development. Urban census - It was conducted by the Ministry of Housing and Urban Poverty Alleviation. Caste census - It was conducted by the Office of the Registrar General and Census Commissioner of India, under the Ministry of Home Affairs.

Sol.33.(d) Smash is a shot that is hit above the hitter's head with a serve-like motion in tennis. Some terms used in tennis: Ace, Backhand, Volley, Forehand,

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Advantage, Fault, Break point, Doubles, Drop shot. Grand Slam: Australian Open: Started in 1905, French Open: Started in 1891, Wimbledon: Started in 1877, US Open: Started in 1881.

Sol.34.(b) Neither A nor B. Revenue expenditure is essential for the ongoing operations and day-to-day functioning of an organization or government, focusing on immediate needs rather than long-term investments. The main items of revenue expenditure are interest payments, defense services, subsidies, salaries, and pensions.

Sol.35.(b) Krishna Patel. Mitrabhanu Gauntia wrote the Sambalpuri song, which was performed by Jitendra Haripal (Padma Shri, 2017) and Krishna Patel and was produced by Prabhudatta Pradhan. In the middle of the 1970s, the song was initially recorded for All India Radio. Other folk songs - Ghumura Geet, Danda Nacha Geet, Changu Badya, and Dalkahi Geet.

Sol.36.(b) Triple-point - It is the temperature and pressure at which the sublimation curve, fusion curve, and vaporization curve meet. Allotropy is the existence of an element in more than one form, having the same chemical properties but different physical properties.

Sol.37.(d) 1995. The basic objective of the 8th Five-Year Plan (1992-1997) was human development in various aspects. Liberalisation, Privatisation, and Globalisation (LPG) were introduced in India to grapple with the problem of the economy under Prime Minister P.V Narasimha Rao. The World Trade Organization is an intergovernmental organization headquartered in Geneva, Switzerland that regulates and facilitates international trade.

Sol.38.(b) 50. The modern Olympic Games are the world's leading international sporting events. Games: Summer, Winter, Youth. Regional games: Asian, African, European, Pacific, Pan-American. Paris Olympic 2024: Location - Paris (France), Motto - "Games Wide Open", Opened by - President Emmanuel Macron.

Sol.39.(d) Maharashtra. National Games 2023 (37th National Games of India) informally as Goa 2023 are held from 25 October to 9 November 2023 in the state of Goa. Motto - Get Set Goa. Opened by - Narendra Modi. Main venue - GMC Athletic Stadium (Bambolim). 1st - Maharashtra: 80 (Gold), 69 (Silver), 79 (Bronze). 2nd - Services: 66 (Gold), 27 (Silver), 33 (Bronze). 3rd - Haryana: 62 (Gold), 55 (Silver), 75 (Bronze).

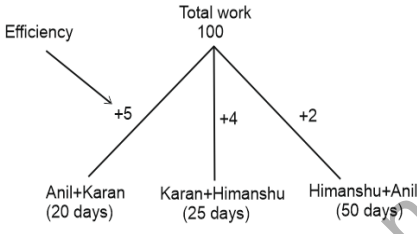
Sol.40.(a) K.N. Shanth Kumar. The Press Trust of India Ltd., commonly known as PTI, is the largest news agency in India. Founded - 27 August 1947. Headquarters - New Delhi.

Sol.41.(d) Age of new boy =15 + 2 × 20
= 15 + 40 = 55 yrs

Sol.42.(a)

SP of cycle = 2700 × $\frac{90}{100}$ = ₹2430

Sol.43.(d)



Efficiency of (Anil + Karan + Himanshu)
= $\frac{5+4+2}{2}$ = $\frac{11}{2}$ = 5.5 unit
Efficiency of Himanshu = 5.5 - 5
= 0.5 unit
Time taken by Himanshu alone to complete the whole work = $\frac{100}{0.5}$
= 200 days

Sol.44.(a) 404 ÷ 2 -1008 ÷ 4 + 5 × 5
= 202 - 252 + 25 = -25

Sol.45.(d) As we know, HCF is either the difference of two no's or the factor of it which completely divides the given no's.
Now, 168 - 126 = 42, which completely divides the given no's i.e.84, 126, 168.
So, HCF of (84, 126, 168) = 42

Sol.46.(c) As we know, Work ∝ time
So, the time taken to complete 20% ($\frac{1}{5}$th) of the work = 90 × $\frac{1}{5}$ = 18 days

Sol.47.(a)

Cost of diamond ∝ $weight^2$ (given)
Initial cost of diamond = $(5+8)^2$
= 13^2 = 169 unit
Final cost of diamond = $5^2 + 8^2$
= 25 + 64 = 89 unit
Loss incurred due to breakage = 169 - 89
= 80 unit
Now, 169 unit = ₹87880
Then, 80 unit = $\frac{87880}{169}$ × 80 = ₹41600

Sol.48.(a) According to question,
CP × 80% = 4400
CP = 4400 × $\frac{100}{80}$ = ₹5500

Sol.49.(b) Share of Y
= $\frac{12}{7+12+14}$ × 9900
= $\frac{12}{33}$ × 9900 = ₹3600

Sol.50.(c) Divisibility rule of 4 :
If the last two digits of any no. is divisible by 4, the number will be divisible by 4.
Now, we have ;
(a)1734 → 34 is not divisible by 4
(b)2342 → 42 is not divisible by 4
(c)4348 → 48 is divisible by 4
(d)1570 → 70 is not divisible by 4
Clearly, we can see that 4348 is the only no. which is divisible by 4.

Sol.51.(b) According to question,
MP × $\frac{70}{100}$ × $\frac{90}{100}$ = 4964
MP × $\frac{63}{100}$ = 4964
MP = 4964 × $\frac{100}{63}$ = ₹7,879.36

Sol.52.(b)
No. of boys in the class = 40 - 30 = 10
% of boys = $\frac{10}{40}$ × 100 = 25%

Sol.53.(b) Volume of hemisphere
= $\frac{2}{3}$ × $\frac{22}{7}$ × 3.5 × 3.5 × 3.5 = $\frac{269.5}{3}$
= 89.83 cm^3

Sol.54.(d) Average age of two new man
= 58 - $\frac{2 \times 22}{2}$ = 36 yrs

Sol.55.(c) Time = 1.5 yrs or 18 month,
No. of cycle = $\frac{18}{6}$ = 3
2200 $[(1 + \frac{R}{100})^3 - 1]$ = 3836.8
$(1 + \frac{R}{100})^3$ - 1 = $\frac{3836.8}{2200}$ = $\frac{218}{125}$
⇒ $(1 + \frac{R}{100})^3$ = $\frac{343}{125}$
⇒ 1 + $\frac{R}{100}$ = $\frac{7}{5}$
⇒ $\frac{R}{100}$ = $\frac{2}{5}$
$R_{\text{Half yearly}}$ = $\frac{200}{5}$ = 40%
So, the rate for 1 yr = 40% × 2 = 80%

Sol.56.(c)
Let the value of car 3 yrs ago be x
According to question,
x × $\frac{50}{100}$ × $\frac{50}{100}$ × $\frac{50}{100}$ = 75000

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$\Rightarrow x \times \frac{1}{8} = 75{,}000$

$\Rightarrow x = 75{,}000 \times 8 = ₹6{,}00{,}000$

Sol.57.(a)

	Original		New
Speed	80	:	30 = 8 : 3
Time	3	:	8

8 - 3 = 5 unit = 20 min

3 unit = $\frac{20}{5} \times 3 = 12$ min

Distance covered by Aman

$= 80 \times \frac{12}{60} = 16$ km

Time taken by Aman to reach the office on time = 12 + 10 = 22 min

Required speed of Aman

$= \frac{16}{\frac{22}{60}} = 16 \times \frac{60}{22} = \frac{480}{11}$ km/hr

Sol.58.(a) LCM of (x, y) = 47 × 3

y = 47 and x = 3

y - 5x = 47 - 5 × 3 = 32

Sol.59.(d) Let sum be 100%

SI for 1 yr = ₹132

11% = ₹132

100% = $\frac{132}{11} \times 100 = ₹1200$

Sol.60.(a) Let the original CP of an article be 100 unit

Then, original SP = 100 × 90% = 90 unit

New CP = 100 × 70% = 70 unit

New SP = 70 × 140% = 98 unit

According to question,

98 - 90 = 8 unit = ₹20

Then, 100 unit = $\frac{20}{8} \times 100 = ₹250$

Sol.61.(b) Obeyed- comply with or follow orders or rules.
Followed- to do something according to instructions.
Transgressed- violate a law or rule.
Claimed- to assert or state something.
Disobliged- unwilling to help or do what you are asked to do.

Sol.62.(a) I have spent a good bit of my career arguing for the virtues of solitude.
'Career', 'arguing', 'virtues' and 'solitude' are the correct spellings.

Sol.63.(a) she is the smarter of all
'Smarter' must be replaced with 'smartest' as we use the superlative degree to make a comparison among all the members of a group. Hence 'she is the smartest of all' is the most appropriate answer.

Sol.64.(c) gone
The phrase 'go missing' is used to say that somebody has disappeared or become lost. 'Has/have/had' takes the third form(V_3) of the verb. Hence, 'gone(V_3)' is the most appropriate answer.

Sol.65.(b) causing
'Cause' means to make something occur or to be the reason for something. The given sentence states that some people are causing trouble in our neighbourhood. Hence, 'causing' is the most appropriate answer.

Sol.66.(d) frequent floods
'Frequently' must be replaced with the adjective 'frequent' as the given sentence needs an adjective to qualify the nouns 'floods' and 'droughts'. Hence 'frequent floods' is the most appropriate answer.

Sol.67.(d) Even rebel chieftains of the
'Even' is used when something mentioned is an extreme case. The given sentence mentions an extreme case of rebel chieftains recognising the Mughal emperor as the authority. Hence, 'Even rebel chieftains of the' is the most appropriate answer.

Sol.68.(a) To sit at someone's feet- to attend upon as someone's disciple.
E.g.- The young scholar was eager to sit at the professor's feet and learn everything he could about ancient history.

Sol.69.(d) Cautious- someone who is careful and considers potential risks before acting.
Impetuous- someone who acts quickly and without thinking.
Eager- enthusiastic or impatient.
Fierce- intense or aggressive.
Restive- restless or impatient.

Sol.70.(c) what you says.
According to the 'Subject-Verb Agreement Rule', a plural subject always takes a plural verb. In the given sentence, 'you' is a plural subject that will take 'say' as a plural verb. Hence, 'what you say' is the most appropriate answer.

Sol.71.(d) readily to try their
'Is' is a stative verb and stative verbs take an adjective after them. Therefore, 'readily' must be replaced with the adjective 'ready'. Hence 'ready to try their' is the most appropriate answer.

Sol.72.(c) Aplication
'Application' is the correct spelling.

Sol.73.(a) rain continues
'Subject + Verb + object' is the correct grammatical structure for any sentence. Therefore, 'rained' will be replaced with the noun 'rain' as we use a noun as the subject of a sentence. Hence, 'rain continues' is the most appropriate answer.

Sol.74.(b) Turn a deaf ear- ignore.

Sol.75.(b) slumbered
The given sentence is in the past tense, so the past form(V_2) of the verb will be used. Hence, 'slumbered(V_2)' is the most appropriate option.

Sol.76.(c) inseparable
'Inseparable' means seemingly always together. The given passage states that the two, Sudama and Krishna, were inseparable. Hence ' inseparable' is the most appropriate answer.

Sol.77.(b) on
'On' is used to indicate any day. Hence 'on' is the most appropriate answer.

Sol.78.(b) leave
With 'do/does/did', the first form of the verb is used. Hence, 'leave(V_1)' is the most appropriate answer.

Sol.79.(c) thinking
Gerund(V_{ing}) is used after the verb 'keep' to show that something continues to happen. 'Think' means to remember someone. The given passage states that Sudama kept remembering him until they met again. Hence, 'thinking' is the most appropriate answer.

Sol.80.(c) touching
'Touching' means making you feel sadness, sympathy, etc. The given passage states that the entire incident when Sudama met Krishna after numerous years is so touching and unforgettable. Hence, 'touching' is the most appropriate answer.

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SSC GD Constable
24/02/2024 (2nd Shift)

Reasoning

Q.1. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is not allowed)



(a)  (b) 

(c)  (d) 

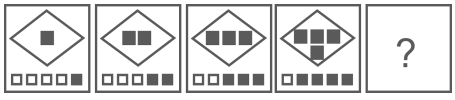
Q.2. In the following question, select the related letter pair from the given alternatives.
JRVP : IQUO : : ?
(a) QJBV : PIAU (b) NOPX : ZWXV
(c) NDUR : ABOC (d) WWYR : URUO

Q.3. Which two signs should be interchanged to make the given equation correct?
26 + 2 × 8 - 4 ÷ 1 = 14
(a) - and × (b) = and -
(c) = and × (d) + and -

Q.4. In a certain code language, 'FIELD' is coded as '41', 'WONDER' is coded as "84". What is the code for 'SKILL' in that code language?
(a) 65 (b) 70 (c) 63 (d) 68

Q.5. Select the option that is related to the third word in the same way as the second word is related to the first word.
Penguin : Chick : : Duck : ?
(a) Duckling (b) Joey
(c) Cub (d) Kitten

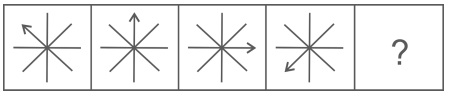
Q.6. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

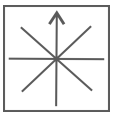
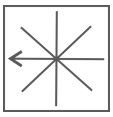


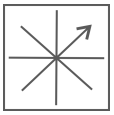
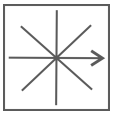
(a)  (b) 

(c)  (d) 

Q.7. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 

(c)  (d) 

Q.8. Which of the following letter-number cluster will replace the blank (____) in the given series?
IDG, _____,EZC, CXA, AVY, YTW
(a) GBF (b) GCF (c) GBE (d) JBE

Q.9. Six people Alice, Bob, Carol, David, Emily, and Frank are sitting on a circular table facing towards the centre. David sits between Alice and Emily. Carol sits to the immediate right of Bob. Frank and Alice are not neighbors. Carol is an immediate neighbour of Frank. Who sits to the immediate right of Emily?
(a) Frank (b) Carol (c) David (d) Bob

Q.10. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : All curtains are beds.
Statement II : Some beds are chairs.
Statement III : Some chairs are not tables.
Conclusion I : Some chairs are tables.
Conclusion II : Some chairs being curtains is possible.
(a) Neither conclusion I nor II follows
(b) Both conclusions I and II follow
(c) Only conclusion II follows
(d) Only conclusion I follows

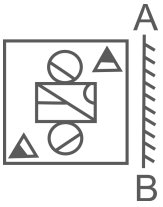
Q.11. Five friends Pooja, Bhawna, Charu, Geeta and Hema are sitting around a circular table facing towards the centre. Charu is not the immediate neighbour of Bhawna. Bhawna is second to the left of Hema. Geeta is the immediate neighbour of Bhawna and Hema. Who is sitting to the immediate left of Charu?
(a) Pooja (b) Bhawna (c) Hema (d) Geeta

Q.12. In the following question, select the missing number from the given series.
115, 94, 72, 49, 25, ?
(a) 8 (b) 0 (c) 7 (d) 1

Q.13. In a certain code language, if BOTTLE is coded as CNUUMD, GLASS is coded as HMZTT, then what will MIRROR be coded as?
(a) NHSNSS (b) NSHSNS
(c) NHSSSN (d) NHSSNS

Q.14. Which of the following numbers will replace the question mark (?) in the given series?
31, 32, 36, ?, 61, 86
(a) 58 (b) 39 (c) 45 (d) 49

Q.15. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?

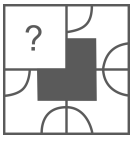


(a)  (b) 

(c)  (d) 

Q.16. If 13 A 14 B 15 C 20 = 243 and 15 A 10 B 8 C 9 = 104, then 45 A 10 B 18 C 50 = ?
(a) 265 (b) 280 (c) 145 (d) 275

Q.17. Which answer figure will complete the pattern in the question figure? (rotation is NOT allowed)



(a)  (b) 

(c)  (d) 

Q.18. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
QV, TO, MR, PK, ?
(a) IR (b) IM (c) IQ (d) IN

Q.19. Pointing towards a picture of a man, Rakhi said. "He is the brother of my son's mother". How man is related to Rakhi?
(a) Father's brother (b) Father
(c) Brother (d) Son

Q.20. Arrange the given words in the sequence in which they occur in the dictionary.

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1. Light 2. Like 3. Lift
4. Life 5. Lignite
(a) 4, 3, 1, 2, 5 (b) 1, 4, 3, 2, 5
(c) 1, 3, 4, 5, 2 (d) 4, 3, 1, 5, 2

General Awareness

Q.21. Tapan Kumar Pattanayak won the Sangeet Natak Akademi Award in which dance form?
(a) Chhau (b) Sattriya
(c) Odissi (d) Kuchipudi

Q.22. Which regulatory body in India oversees and supervises microfinance institutions (MFIs) to ensure their compliance with regulations?
(a) Securities and Exchange Board of India (SEBI)
(b) Insurance Regulatory and Development Authority (IRDA)
(c) Reserve Bank of India (RBI)
(d) Competition Commission of India (CCI)

Q.23. Implementation of family planning Programmes were amongst major targets of which of the following five year plan of India?
(a) Sixth five year plan
(b) Fourth five year plan
(c) Fifth five year plan
(d) Seventh five year plan

Q.24. Which of the following Articles of Indian Constitution under the fundamental duties is related to the value and preservation of the rich heritage of our composite culture?
(a) Article 51A(c) (b) Article 51A(f)
(c) Article 51A(g) (d) Article 51A(e)

Q.25. Which of the following articles of the Indian Constitution is mentioned under the Right to Equality?
(a) Abolition of titles
(b) Protection of life and personal liberty
(c) Freedom to manage religious affairs
(d) Right to education

Q.26. Which of the following is required by the aquatic animals to breathe under water?
(a) Dissolved Nitrogen (b) Dissolved CO_2
(c) Dissolved Oxygen (d) Dissolved H_2S

Q.27. Which country is India's neighbour to the west, sharing a significant border, and is often a topic of geopolitical significance?
(a) Bhutan (b) Sri Lanka
(c) Nepal (d) Pakistan

Q.28. Which of the following festival has 'Jalli Kattu' as a feature ?
(a) Onam (b) Vishu (c) Bihu (d) Pongal

Q.29. According to the data from the Ministry of Mines, the largest resources of gold ore (primary) are located in which of the following Indian states?
(a) West Bengal (b) Bihar
(c) Rajasthan (d) Karnataka

Q.30. Who was the founder of the Shunga Dynasty in India?
(a) Vasumitra (b) Pushyamitra
(c) Devabhuti (d) Kanva

Q.31. How many players are there on a standard ice hockey (when there is no overtime or penalties) team during a game?
(a) Seven (b) Six (c) Four (d) Five

Q.32. Which sport features the "Breaststroke" as a technique?
(a) Horse riding (b) Pool
(c) Swimming (d) Shooting

Q.33. The Union Cabinet chaired by the Prime Minister of India, has approved a bus scheme "PM-eBus Sewa" for augmenting city bus operation by _____ e-buses on PPP model.
(a) 5000 (b) 10000 (c) 11000 (d) 7000

Q.34. Who has been appointed as the new CEO of NITI Aayog?
(a) Parameshwaran Iyer
(b) M. K. Talwar
(c) P.C. Sudhakar
(d) BVR Subrahmanyam

Q.35. Which of the following is an example of Quasi-Judicial Bodies in India?
(a) Supreme Court
(b) Inter-State Council
(c) State Consumer Disputes Redressal Commission
(d) Zonal council

Q.36. To which of the following states does the folk dance Khoria belong?
(a) Maharashtra (b) Haryana
(c) Assam (d) West Bengal

Q.37. According to the 2011 Census of India, the proportion of _____ population has declined by 0.2 PP (percentage point).
(a) Buddhist (b) Sikh
(c) Muslim (d) Hindu

Q.38. The Bardoli Satyagraha took place in which year?
(a) 1924 (b) 1926 (c) 1928 (d) 1922

Q.39. ____ unveiled the Logo, Theme and Website of India's G20 Presidency in Virtual mode. (November 2022)
(a) Prime Minister Shri Narendra Modi
(b) President Draupadi Murmu
(c) Finance Minister Nirmala Sitharaman
(d) Home Minister Amit Shah

Q.40. Which of the following sports is played by Siddharth Suchde?
(a) Football (b) Badminton
(c) Tennis (d) Squash

Quantitative Aptitude

Q.41. A is four times as good a workman as B and together they finish a piece of work in $\frac{84}{15}$ days. In how many days can A alone finish the work?
(a) 15 days (b) 7 days
(c) 9 days (d) 10 days

Q.42. Calculate the area of a right-angled triangle with a base of 22 cm and height corresponding to that base is 15 cm.
(a) 150 cm^2 (b) 180 cm^2
(c) 165 cm^2 (d) 140 cm^2

Q.43. What is the value of $3[4 + 2\{42 - 4(9 - 1)\}]$?
(a) 81 (b) 48 (c) 72 (d) 69

Q.44. In a bag, the ratio of black balls to white balls is 7 : 4. If there are 44 white balls, find the total number of balls in the bag.
(a) 112 (b) 110 (c) 128 (d) 121

Q.45. Abhishek marks the price of his laptop 80 percent above the cost price. He allows his customer a discount of 25 percent on the marked price. What is the profit percentage?
(a) 40 percent (b) 25 percent
(c) 35 percent (d) 55 percent

Q.46. The average of 17 numbers is 47. If each of the numbers is multiplied by 6, then find the new average.
(a) 265 (b) 280 (c) 270 (d) 282

Q.47. The profit earned on selling an article for Rs. 4550 is 5 times of the loss incurred on selling the same article for Rs. 3290. What will be the selling price of the article to earn a profit of 20 percent?
(a) Rs. 3900 (b) Rs. 4200
(c) Rs. 4000 (d) Rs. 4500

Q.48. If 25 workers can build a wall in 10 days, how many days will it take for 20 workers to build a similar wall?
(a) $\frac{25}{4}$ days (b) $\frac{23}{3}$ days
(c) $\frac{21}{2}$ days (d) $\frac{25}{2}$ days

Q.49. What is the value of

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1100 ÷ 5 + 420 ÷ 2 + 550 ÷ 5?
(a) 460 (b) 510 (c) 540 (d) 500

Q.50. If A percent of A is 9604, then what is the value of A?
(a) 1020 (b) 980 (c) 920 (d) 880

Q.51. What will be the compound interest (compounding annually) on a sum of Rs. 9000 at the rate of 32 percent per annum for 2 years?
(a) Rs. 6400.4 (b) Rs. 6908.3
(c) Rs. 6790.7 (d) Rs. 6681.6

Q.52. Which among the following is divisible by 4, 7 and 23?
(a) 6245 (b) 6490 (c) 6457 (d) 6440

Q.53. A thief steals a car at 2:00 p.m. and drives it at 70 km per hour. The theft is discovered at 3:00 p.m. and the owner sets off in another car at 105 km an hour. At what time owner will overtake the thief?
(a) 5 : 00 p.m (b) 3 : 45 p.m
(c) 3 : 30 p.m (d) 4 : 30 p.m

Q.54. Cost price of a cooler is Rs. 6400. If the profit percentage is 24 percent, then what is the selling price of the cooler?
(a) Rs. 7936 (b) Rs. 8239
(c) Rs. 7256 (d) Rs. 8456

Q.55. In a mixture, milk and water are in ratio of 7: 9. Some milk is added to the mixture because of which ratio of milk and water becomes 11: 9. How much milk was added as a percentage of initial mixture?
(a) 10 percent (b) 60 percent
(c) 25 percent (d) 30 percent

Q.56. There are 120 hens in a poultry. Due to the addition of 140 more hens, the expenses of the poultry increases by Rs. 4050 while the average expenditure per hen diminishes by Rs. 3. What was the original expenditure of the poultry?
(a) Rs. 4780 (b) Rs. 4540
(c) Rs. 4140 (d) Rs. 4350

Q.57. When a number is successively decreased by 10 percent, 15 percent and 56 percent, then it becomes 20196. What is that number?
(a) 80000 (b) 50000
(c) 40000 (d) 60000

Q.58. What is the value of
520 ÷ 10 + 25 × 7 - 62 × 3 ?
(a) 45 (b) 41 (c) 47 (d) 49

Q.59. If the ratio of marked price and selling price of a article is 13 : 9, then what is the discount percentage?
(a) 30.77 percent (b) 28.76 percent
(c) 25 percent (d) 32.77 percent

Q.60. The difference between simple interest on a certain sum at the annual rate of 10 percent for 7 years and 8 years is Rs. 57. What is the sum?
(a) Rs. 550 (b) Rs. 610
(c) Rs. 570 (d) Rs. 590

English

Q.61. Select the most appropriate word to fill in the blank.
The explosion _____ a huge crater.
(a) left (b) leave
(c) will leaves (d) have left

Q.62. Select the incorrectly spelt word from the given sentence.
She found fault in every sentence of the exercise sheet that I asimilated from prior observations.
(a) fault (b) asimilated
(c) prior (d) exercise

Q.63. Fill in the blank with the most appropriate option.
On the _____in the train he talked to his neighbours about politics and the new railways
(a) entourage (b) tourism
(c) itinerary (d) journey

Q.64. Select the sentence with no spelling errors.
(a) Police who did not understand the orthodox methods of the Black Hood suspected him of mumeruos crimes.
(b) Police who did not understand the urthodox methods of the Black Hood suspected him of numerous crimes.
(c) Police who did not understand the orthodox methuds of the Black Hood suspected him of numerous crimes.
(d) Police who did not understand the orthodox methods of the Black Hood suspected him of numerous crimes.

Q.65. Select the most appropriate word to fill in the blank.
Out of all, this is the_____ school in the city.
(a) more famous (b) famousest
(c) famous (d) most famous

Q.66. Select the most appropriate antonym of the given word.
Procure
(a) Hinder (b) Multiply
(c) Consume (d) Abstain

Q.67. Find the part of the given sentence that has an error in it. If there is no error, choose "No error".
There was no one in the cinema hall beside Sham and Rohan.
(a) in the cinema hall
(b) There was no one
(c) No error
(d) beside Sham and Rohan.

Q.68. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
Walking <u>through the dew</u>, he wet his sneakers.
(a) No improvement
(b) from the dew
(c) through the dewy
(d) across the dewy

Q.69. Identify the segment that contains a grammatical error. If there is no error, select 'No error.
Suddenly he plumped himself/right into the arms of a tallest, ungainly man,/ who had crossed from the other side.
(a) Suddenly he plumed himself
(b) No error
(c) who had crossed from the other side.
(d) right into the arms of a tallest ungainly man

Q.70. Choose the most appropriate synonym of the underlined word.
To me, this was both a perfect <u>articulation</u> of the problem and the suggestion of a solution.
(a) Park (b) Enunciation
(c) Mispronounce (d) Damp

Q.71. Select the most appropriate antonym of the given word.
Characteristic
(a) Distinctive (b) Inbred
(c) Usual (d) Affordable

Q.72. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To huff and puff
(a) To be perplexed
(b) To get into trouble
(c) To breathe heavily or rapidly because one is exhausted
(d) To speak ill of

Q.73. Select the most appropriate antonym of the given word.
Prospect
(a) Calculations (b) Impossibility
(c) Forecast (d) Contemplation

Q.74. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
He studied till late at night before his exam and it has paid off.

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(a) See eye to eye
(b) Run out of steam
(c) Lose your marbles
(d) Burn the midnight oil

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Pandemic is the highest level of global health emergency and had signifies widespread outbreaks affecting multiple regions of the world.
(a) No error
(b) outbreaks affecting multiple regions of the world.
(c) Pandemic is the highest level of global
(d) health emergency and had signifies Widespread

Cloze Test :
Direction :- [Q.76. to Q.80.]
While you are at Chilika, (76)_____ a moment to yourself and admire the beauty of this fabled lake. Indulge in a leisurely boat ride to visit the many (77) _____ that the vast expanse of the lake encompasses- the beacon island, bird island to (78) _____ a few and of course watch the migratory birds and the critically (79)_____Irrawaddy Dolphins frolic in the prey laden brackish waters. Go heritage hunting in the nearby quaint townships- Chilika never (80) _____ to amaze.

Q.76. (a) sleep (b) take
(c) carry (d) make

Q.77. (a) section (b) spots
(c) marks (d) periods

Q.78. (a) name (b) call
(c) word (d) announce

Q.79. (a) screened (b) sheltered
(c) ventured (d) endangered

Q.80. (a) ceases (b) layoffs
(c) actuates (d) extenuates

Answer Key :-

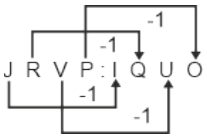
1.(a)	2.(a)	3.(d)	4.(d)
5.(a)	6.(a)	7.(c)	8.(c)
9.(c)	10.(c)	11.(c)	12.(b)
13.(d)	14.(c)	15.(c)	16.(d)
17.(c)	18.(d)	19.(c)	20.(d)
21.(a)	22.(c)	23.(b)	24.(b)
25.(a)	26.(c)	27.(d)	28.(d)
29.(b)	30.(b)	31.(b)	32.(c)
33.(b)	34.(d)	35.(c)	36.(b)
37.(b)	38.(c)	39.(a)	40.(d)
41.(b)	42.(c)	43.(c)	44.(d)
45.(c)	46.(d)	47.(b)	48.(d)
49.(c)	50.(b)	51.(d)	52.(d)
53.(a)	54.(a)	55.(c)	56.(c)
57.(d)	58.(b)	59.(a)	60.(c)
61.(a)	62.(b)	63.(d)	64.(d)
65.(d)	66.(a)	67.(d)	68.(a)
69.(d)	70.(b)	71.(c)	72.(c)
73.(b)	74.(d)	75.(d)	76.(b)
77.(b)	78.(a)	79.(d)	80.(a)

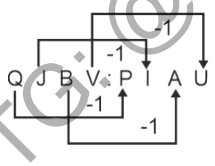
Solutions :-

Sol.1.(a)



Sol.2.(a)





Similarly,

Sol.3.(d) Given :- 26 + 2 × 8 - 4 ÷ 1 = 14
After going through all the options, option d satisfies. After interchanging + and - we get
26 - 2 × 8 + 4 ÷ 1 ⇒ 26 - 16 + 4 = 14
L.H.S. = R.H.S.

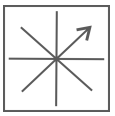
Sol.4.(d) Logic :- (Sum of the place value of letters) + 5
FIELD **:-** (6 + 9 + 5 + 12 + 4) = 36
⇒ 36 + 5 = 41
WONDER :- (23 + 15 + 14 + 4 + 5 + 18)
= 79 ⇒ 79 + 5 = 84
Similarly,
SKILL :- (19 + 11 + 9 + 12 + 12) = 63
⇒ 63 + 5 = 68

Sol.5.(a) As a baby penguin is called chick similarly a baby duck is called duckling.

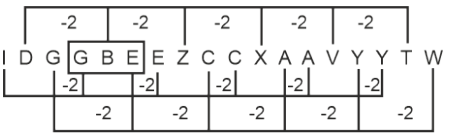
Sol.6.(a)



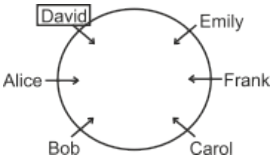
Sol.7.(c)



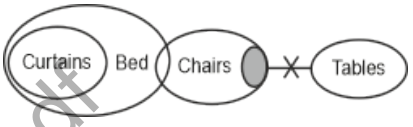
Sol.8.(c)



Sol.9.(c)

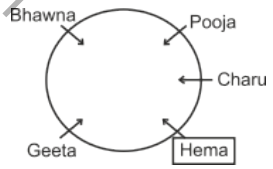


Sol.10.(c)

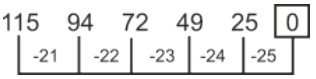


Only conclusion II follows.

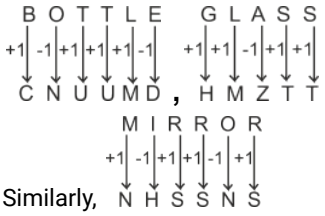
Sol.11.(c)



Sol.12.(b)

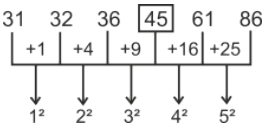


Sol.13.(d)
Logic :- increase consonants by 1 and decrease vowels by 1 .



Similarly,

Sol.14.(c)



Sol.15.(c)



Sol.16.(d) Logic :- Interchanging A,C with + and B with × respectively we get,
⇒ 13 A 14 B 15 C 20 = 243
13 + 14 × 15 + 20
13 + 210 + 20 = 243
⇒ 15 A 10 B 8 C 9 = 104
15 + 10 × 8 + 9

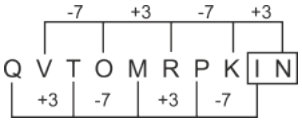
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15 + 80 + 9 = 104
Similarly,
45 A 10 B 18 C 50 = ?
45 + 10 × 18 + 50 ⇒ 45 + 180 + 50 = 275

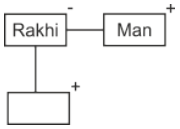
Sol.17.(c)



Sol.18.(d)



Sol.19.(c)



Man is the brother of Rakhi.

Sol.20.(d) The correct order is :
Life(4) → Lift(3) → Light(1) → Lignite(5) → Like(2)

Sol.21.(a) Chhau. Tapan Kumar Pattanayak won the Sangeet Natak Akademi (established in 1953) Award in 2018. Chhau is a dance form that combines martial arts, tribal, and folk traditions. Three styles of Chhau : Purulia Chhau (West Bengal), Seraikella Chhau (Jharkhand), and Mayurbhanj Chhau (Odisha). In 2010, UNESCO added Chhau to its Representative List of the Intangible Cultural Heritage of Humanity.

Sol.22.(c) Reserve Bank of India (RBI). MFI is an organization that offers financial services (such as - microloans, microsavings and microinsurance) to low income populations. Bangladeshi entrepreneur Muhammad Yunus (Nobel Prize in 2006) is considered as the Father of Microfinance. RBI was established on 1 April 1935 in Kolkata and moved to Mumbai in 1937.

Sol.23.(b) Fourth five year plan (1969 - 74). It targets Growth 5.7% and Actual Growth 3.3% . It was based on the Gadgil Formula. The government nationalised 14 major Indian Banks. Other five year plan: Fifth (1974-79) - Aimed at 'removal of poverty'(Garibi Hatao) and 'attainment of self reliance'. Sixth (1980 - 85) - Focussed on Increase in national income, modernization of technology. Seventh (1985 - 90) - Focus on 'food, work & productivity'.

Sol.24.(b) Article 51A(f). Article 51A(c) - To uphold and protect the sovereignty, unity and integrity of India. Article 51A(e) - To promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women. Article 51A(g) - To protect and improve the natural environment including forests, lakes, rivers and wildlife, and to have compassion for living creatures.

Sol.25.(a) Abolition of titles. Article 18 - (i) No title, except military or academic, shall be conferred by the State. (ii) Indian citizens cannot accept titles from foreign states. (iii) Non-citizens holding state offices must get Presidential consent to accept foreign titles. (iv) State office holders require Presidential consent to accept presents or emoluments from foreign states.

Sol.26.(c) Dissolved Oxygen. The aquatic animals inhale the dissolved oxygen with the help of a feathery organ named gills. Gills are composed of blood vessels. The thin walls of the gill filter out the oxygen dissolved in the water and make it available to the cells of the aquatic animal.

Sol.27.(d) Pakistan. Gujarat, Rajasthan, Punjab, Union Territory of Jammu & Kashmir and Union Territory of Ladakh share boundary with Pakistan. Radcliffe Line - The boundary demarcation line between India and Pakistan. India shares borders with the countries in kms: Bangladesh (4096.70), Pakistan (3323), China (3488), Nepal (1751), Myanmar (1643), Bhutan (699), Afghanistan (106).

Sol.28.(d) Pongal. It is a harvest festival celebrated by the Tamil community. Jallikattu is a traditional sport of Tamil Nadu that is celebrated on the third day of Pongal – Mattu Pongal Day. Other festivals of Tamil Nadu: Karthigai Deepam, Vinayaka Chathurthi, Puthandu.

Sol.29.(b) Bihar. In India, the largest resources of gold ore (primary) are located in Bihar (44%) followed by Rajasthan (25%), Karnataka (21%), West Bengal (3%), Andhra Pradesh (3%), Jharkhand (2 %).

Sol.30.(b) Pushyamitra. He founded the Shunga Dynasty (Period - 185 BC - 73 BC; Capital - Pataliputra and Vidisha) by assassinating Brihadratha (the last Mauryan ruler). Vasumitra - He presided over the fourth Buddhist Council in 72 AD at Kundalvana, Kashmir. Devabhuti - Last Shunga ruler assassinated by his minister Vasudeva Kanva.

Sol.31.(b) Six. Ice Hockey in India is monitored by the Indian Ice Hockey Association. The India national ice hockey team has been competing at the international level since 2009. Team Games and number of players: Baseball - 9, Basketball - 5, Cricket - 11, Football (Soccer) - 11, Hockey - 11, Kabaddi - 7, Kho Kho - 9, Lacrosse - 10.

Sol.32.(c) Swimming. It has been an Olympic sport since the first modern Olympic Games in 1896. Breaststroke is done with the chest forward and facing towards the bottom of the pool, and not rotating the torso. Other types of swimming strokes: freestyle, backstroke, and butterfly.

Sol.33.(b) 10000. PM-eBus Sewa (estimated cost Rs.57,613 crore) has two segments: Segment A – Augmenting the city bus services, 169 cities. Segment B– Green Urban Mobility Initiatives (GUMI), 181 cities. This scheme will support bus operations for 10 years.

Sol.34.(d) BVR Subrahmanyam. He is the fourth CEO of NITI Aayog. First CEO - Sindhushree Khullar. NITI Aayog was established on 1st January, 2015 by replacing the Planning Commission. The CEO and Vice-Chairperson of the NITI Aayog are appointed by the Prime Minister.

Sol.35.(c) State Consumer Disputes Redressal Commission. Quasi judicial bodies are non-judicial entities with the authority to interpret the law.

Sol.36.(b) Haryana. The Khoria dance is performed exclusively by women at weddings and festivals. States and their folk dances: Haryana - Phaag, Saang, Chhathi, Dhamal, Gugga. Assam - Bihu, Bagurumba, Bhortal. Maharashtra - Lavani, Gondhal, Koli, Tamasha. West Bengal - Baul dance, Fakir, Brita.

Sol.37.(b) Sikh. The proportion of Hindu population to total population in 2011 has declined by 0.7 percentage point (PP); the Buddhist population has declined by 0.1 PP during the decade 2001-2011. The proportion of Muslim population to total population has increased by 0.8 PP. There has been no significant change in the proportion of Christians & Jains.

Sol.38.(c) 1928. Bardoli (Gujarat) movement led by Sardar Vallabhai Patel

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for the farmers of Bardoli against enhancement of land revenue. The British Government appointed the Maxwell-Broomfield commission to investigate the matter after the movement. The peasants were given back their confiscated lands and the revenue demand was cut to 6.03 per cent.

Sol.39.(a) Prime Minister Shri Narendra Modi. The first G20 Summit of 2008 was held in Washington, D.C (USA). 2022 Bali Summit, Indonesia (17th): Theme - Recover Together, Recover Stronger. 2023 New Delhi Summit, India (18th): Theme - Vasudhaiva Kutumbakam. 2024 Rio de Janeiro Summit, Brazil (19th): Theme - Building a Just World and a Sustainable Planet. G20 doesn't have a permanent headquarters or secretariat.

Sol.40.(d) Squash. It is played by two players for singles matches or four players for doubles matches. Other Players: Squash - Saurav Ghosal, Dipika Pallikal, Anahat Singh. Football - Sunil Chhetri, Gurpreet Singh Sandhu. Badminton - Pullela Gopichand, Saina Nehwal, PV Sindhu. Tennis - Sania Mirza, Rohan Bopanna.

Sol.41.(b) Efficiency of A and B = 4 : 1

Total work = $(4 + 1) \times \frac{84}{15}$ = 28 unit

Time taken by A alone to finish the work = $\frac{28}{4}$ = 7 days

Sol.42.(c) Area of right angled triangle

= $\frac{1}{2} \times 22 \times 15 = 165\ cm^2$

Sol.43.(c) 3[4 + 2{42 - 4(9 - 1)}]
= 3[4 + 2{42 - 32}]
= 3[4 + 2 × 10]
3[4 + 20] = 3 × 24 = 72

Sol.44.(d) According to question,
4 unit = 44
Then, 11 unit (total balls)
= $\frac{44}{4} \times 11 = 121$
So, the total no of balls in the bag = 121

Sol.45.(c) Net profit%
= $(80 - 25 - \frac{80 \times 25}{100})\% = 55 - 20 = 35\%$

Sol.46.(d) Concept : If each of the numbers is multiplied by 'n' then the average will also get multiplied by n .
New average = 47 × 6 = 282

Sol.47.(b)



5 - (-1) = 6 unit ---------- 4550 - 3290
= ₹1260

1 unit ---------- $\frac{1260}{6}$ = ₹210

CP of the article = 3290 + 210 = ₹3500
SP of the article = 3500 × 120% = ₹4,200

Sol.48.(d) Let the no of days be x.
According to question,
25 × 10 = 20 × x
250 = 20x
$x = \frac{250}{20} = \frac{25}{2}$ days

Sol.49.(c)
=1100 ÷ 5 + 420 ÷ 2 + 550 ÷ 5
= 220 + 210 +110 = 540

Sol.50.(b) A%of A = 9604

$\frac{A^2}{100}$ = 9604

A^2 = 960400

A = $\sqrt{960400}$ = 980

Sol.51.(d) Effective CI for 2 yrs

= $(32 + 32 + \frac{32 \times 32}{100})\%$ = 64 + 10.24

= 74.24%

Required CI = 9000 × 74.24% = ₹6,681.6

Sol.52.(d) Divisibility of 4 : The last two digits of the number must be divisible by 4.
Checking all the options one by one, we have ;
(a) 6245 → Last two digit = 45 (not divisible by 4)
(b) 6490 → Last two digits = 90 (not divisible by 4)
(c) 6457 → Last two digit = 57 (not divisible by 4)
(d) 6440 → Last two digits = 40 (divisible by 4).
So, 6440 is the only number which is divisible by 4, 7, 23

Sol.53.(a) Speed $\propto \frac{1}{time}$ (If distance is same)

	Thief		Owner	
Speed	70	:	105	= 2 : 3
Time	3	:	2	

3 - 2 = 1 unit = 1 hr
2 unit = 2 hrs
So, owner will overtake the thief at 5 pm i.e.(3:00 + 2)

Sol.54.(a)

24% = $\frac{6}{25}$

SP of a cooler = 6400 × $\frac{31}{25}$ = ₹7936

Sol.55.(c)

	Milk		Water	Total
Initial	7	:	9	16
Final	11	:	9	20

Quantity of milk to be added = 11 - 7
= 4 unit

Required % of milk = $\frac{4}{16} \times 100 = 25\%$

Sol.56.(c) Original average expenditure of poultry be x
Total expenditure = 120x
New average expenditure of poultry
= (x - 3)
Total expenditure = (x - 3) × 260
ATQ,
(x - 3) × 260 - 120x = 4050
140x - 780 = 4050
140x = 4830
$x = \frac{4830}{140} = \frac{69}{2}$
So, the original expenditure of the poultry
= 120x = 120 × $\frac{69}{2}$ = ₹4140

Sol.57.(d) 10% = $\frac{1}{10}$, 15% = $\frac{3}{20}$,

56% = $\frac{14}{25}$

We have given ratio;

10	:	9
20	:	17
25	:	11

5000 : 1683

According to question,
1683 unit = 20196
Then,
5000 unit = $\frac{20196}{1683} \times 5000$ = 60,000
So, the required no = 60,000

Sol.58.(b)
= 520 ÷ 10 + 25 × 7 - 62 × 3
= 52 + 175 - 186 = 41

Sol.59.(a) Discount%
= $\frac{13 - 9}{13} \times 100 = \frac{400}{13}$ = 30.77%

Sol.60.(c) Let sum be 100%
SI for 1 yr = ₹57
According to question,
10% = ₹57
Then, 100% = $\frac{57}{10} \times 100$ = ₹570

Sol.61.(a) left
'Subject + V_2' is the correct grammatical structure for the sentence which is in the simple past tense. Hence, 'left(V_2)' is the most appropriate answer.

Sol.62.(b) asimilated
'Assimilated' is the correct spelling.

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Sol.63.(d) journey
'Journey' means travelling to a place. The given sentence states that on the journey in the train, he talked to his neighbours about politics and the new railways. Hence, 'journey' is the most appropriate answer.

Sol.64.(d) Police who did not understand the orthodox methods of the Black Hood suspected him of numerous crimes.
'Orthodox', 'methods' and 'numerous' are the correct spellings.

Sol.65.(d) most famous
Superlative degree adjective is used after article 'the'. 'Most famous' is the correct superlative degree of 'famous'. Hence, ' most famous' is the most appropriate answer.

Sol.66.(a) Hinder- to make it difficult to achieve something.
Procure- to get possession of something.
Multiply- to increase by a very large amount.
Consume- to use up, eat, or drink something.
Abstain- to refrain from doing something enjoyable or harmful.

Sol.67.(d) beside Sham and Rohan.
'Besides' means 'other than' & 'Beside' means 'at the side of, or next to somebody/something'. The given sentence states that there was no one other than Sham and Rohan in the cinema hall. Hence, 'besides Sham and Rohan' is the most appropriate answer.

Sol.68.(a) No improvement
The given sentence is grammatically correct.

Sol.69.(d) right into the arms of a tallest ungainly man
We always place the definite article 'the' before any superlative adjective. Similarly, in the given sentence, 'tallest' is the superlative degree adjective. Hence, 'right into the arms of the tallest ungainly man' is the most appropriate answer.

Sol.70.(b) Enunciation- the act of clearly and distinctly expressing something.
Articulation- the clear and effective expression of ideas.
Mispronounce- to pronounce a word incorrectly.
Damp- slightly wet.

Sol.71.(c) Usual - commonly occurring.
Characteristic- a distinguishing trait or quality of something.
Distinctive- unique.
Inbred- existing from birth.
Affordable- reasonably priced.

Sol.72.(c) To huff and puff- to breathe heavily or rapidly because one is exhausted.
E.g.- He huffed and puffed after climbing the hill.

Sol.73.(b) Impossibility- something that cannot happen.
Prospect- the likelihood or possibility of a future event occurring
Calculations- the process of finding an amount or number using mathematics.
Forecast- a prediction of future events.
Contemplation- the action of looking thoughtfully at something for a long time.

Sol.74.(d) Burn the midnight oil- study till late at night.

Sol.75.(d) health emergency and had signifies widespread
Simple present tense is used to state a definition or general truth. The given sentence is defining a pandemic. Therefore, present form (V_1-s/es) of the verb will be used according to the singular subject 'pandemic' and 'had' will be removed. Hence, 'health emergency and signifies widespread' is the most appropriate answer.

Sol.76.(b) take
'Take' is the correct verb to use with words expressing time such as 'moment', 'minute', 'time', 'hour', 'second', etc. The phrase 'take a moment for yourself' to take a short break for yourself. Hence, 'take ' is the most appropriate answer.

Sol.77.(b) spots
'Spot' means a particular place or area. In the given passage, the speaker is urging us to indulge in a leisurely boat ride to visit many areas that the vast expanse of the lake encompasses. Hence, 'spots' is the most appropriate answer.

Sol.78.(a) name
The phrase 'to name a few' is used to mention a few examples by their names. This phrase is used after giving the examples. According to the passage, the beacon island, bird island are examples of the spots that the cast lake encompasses. Hence, 'name ' is the most appropriate answer.

Sol.79.(d) endangered
The word 'endangered' is used for species of animals that are at risk of extinction. Hence, 'endangered' is the most appropriate answer.

Sol.80.(a) ceases
'Cease' means to come to an end. The given passage states that Chilika never ceases to amaze. Hence, 'ceases' is the most appropriate answer.

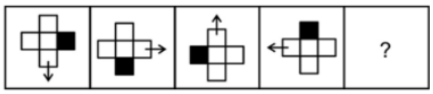
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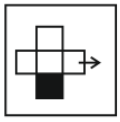
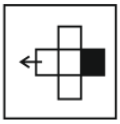
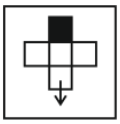
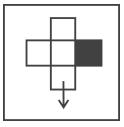
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SSC GD Constable
24/02/2024 (3rd Shift)

Reasoning

Q.1. Select the figure that will replace the question mark (?) in the following figure series.

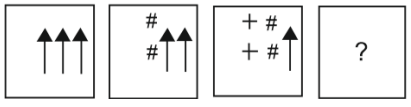


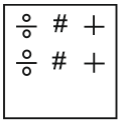
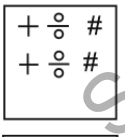
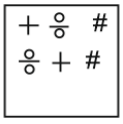
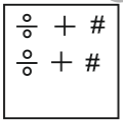
(a)  (b) 
(c)  (d) 

Q.2. Which of the following numbers will replace the question mark (?) in the given series?
9, 15, 27, 33, 45, ?
(a) 63 (b) 57 (c) 51 (d) 49

Q.3. In the following question, select the missing number from the given series.
40, 21, 22, 34, 69, ?
(a) 145.5 (b) 173 (c) 180 (d) 173.5

Q.4. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

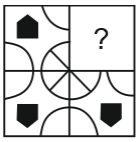


(a)  (b) 
(c)  (d) 

Q.5. P, Q, R, S, T, U and V are sitting in a row facing North. U is to the immediate right of T. T is fourth to the right of V. R is the neighbour of Q and S. Person who is third to the left of S is at one of ends. Who is sitting on the immediate left of S?
(a) T (b) V (c) R (d) Q

Q.6. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : All bicycles are wheels.
Statement II : Some wheels are rubber.
Statement III : No rubber is plastic.
Conclusion I : Some wheels are bicycles.
Conclusion II : Some wheels are plastics.
(a) Only conclusion I follows
(b) Neither conclusion I nor II follows
(c) Both conclusions I and II follow
(d) Only conclusion II follows

Q.7. Which answer figure will complete the pattern in the question figure? (rotation is NOT allowed)

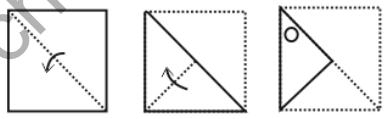


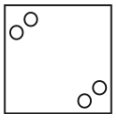
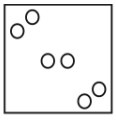
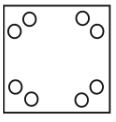
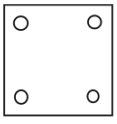
(a)  (b) 
(c)  (d) 

Q.8. If 15 A 6 B 2 C 10 = 170 and 8 A 5 B 4 C 50 = 110 then 4 A 2 B 3 C 5 = ?
(a) 19 (b) 30 (c) 35 (d) 40

Q.9. In a certain code language, VOCAL' is coded as '90327", "WAVES' is coded as '31758", "VOTED' is coded as '42631'. What is the code for 'E' in that code language?
(a) 1 (b) 5 (c) 3 (d) 7

Q.10. A paper is folded and cut as shown below. How will it appear when unfolded?



(a)  (b) 
(c)  (d) 

Q.11. Which of the following letter will replace the question mark (?) in the given series?
J, E, A, X, V, ?
(a) T (b) R (c) S (d) U

Q.12. In the following question, select the related letters from the given alternatives.
TWZ : SVY : : GJM : ?
(a) XZX (b) ZUY (c) ULM (d) FIL

Q.13. Six students Aarav, Bhavya, Chetan, Diya, Esha, and Farhan are sitting in a circle facing the center. Bhavya sits to the immediate right of Aarav. Diya is not sitting next to Aarav or Farhan. Esha, who is sitting to the immediate left of Farhan, is also sitting to the immediate right of Chetan. Who is the immediate neighbour of both Diya and Esha?
(a) Chetan (b) Bhavya
(c) Farhan (d) Aarav

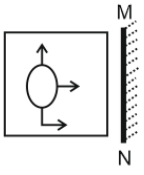
Q.14. Arrange the given words in alphabetical order:
1. Tender 2. Thankful 3. Tactful
4. Tablespoon 5. Tasty
(a) 4, 1, 5, 2, 3 (b) 4, 3, 5, 1, 2
(c) 4, 3, 5, 2, 1 (d) 4, 5, 2, 1, 3

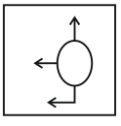
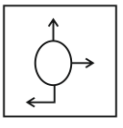
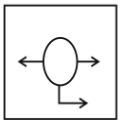
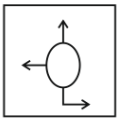
Q.15. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
ghijkgh_jkghijkg_ijkghijk_hi_
(a) ihgj (b) kijg (c) ghgh (d) ihjk

Q.16. E × F' means 'E is the wife of F
E + F' means 'E is the brother of F
E ÷ F' means E is the husband of F'
E - F means E is the son of F'
How is J related to H in the expression 'G × H + I - J ÷ K ?
(a) Father (b) Son
(c) Father's father (d) Husband

Q.17. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
Taj Mahal : Agra :: India Gate : New Delhi :: Gateway Of India : ?
(a) Chennai (b) Amritsar
(c) Bangalore (d) Mumbai

Q.18. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure



(a)  (b) 
(c)  (d) 

Q.19. In a certain code language, if PERJURY is coded as '108', DECEPTION is coded as '86', then what will 'WITNESS' be coded as?
(a) 104 (b) 109 (c) 92 (d) 85

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Q.20. By interchanging which two signs and two numbers the equation will be correct ?
8 - 9 × 4 ÷ 6 + 7 = 5
(a) + and -, 9 and 6 (b) + and - , 8 and 7
(c) × and ÷, 6 and 7 (d) ÷ and +, 8 and 7

General Awareness

Q.21. Which of the following is capital of People's Republic of China?
(a) Guangzhou (b) Beijing
(c) Hangzhou (d) Shanghai

Q.22. _____remained the mainstay of the Green Revolution for years in India.
(a) Wheat (b) Pulses
(c) Leafy Vegetable (d) Cotton

Q.23. Kapil Dev lifted the 1983 World Cup (then known as the Prudential Cup '83) in the_____ stadium
(a) Lord's (b) Eden Gardens
(c) Holkar (d) Green Park

Q.24. Pushkar Camel fair is associated with which of the following states?
(a) Rajasthan (b) Maharashtra
(c) Gujarat (d) Punjab

Q.25. Which instrument is played by Amjad Ali Khan?
(a) Sarod (b) Sitar
(c) Santoor (d) Guitar

Q.26. India's southern neighbours across the sea consist of the _____island countries.
(a) three (b) two (c) four (d) five

Q.27. Which type of expenditure refers to expenses that do not lead to the creation of physical or financial assets?
(a) Development Expenditure
(b) Capital Expenditure
(c) Fiscal Expenditure
(d) Revenue Expenditure

Q.28. Hockey India, under the Ministry of _____, is the governing body responsible for planning and implementing all activities related to men's and women's hockey in India
(a) Games
(b) Education
(c) Youth Affairs and Sports
(d) Child Development

Q.29. The Green Revolution significantly increased crop yields and transformed Indian agriculture. What was one of its notable drawbacks ?
(a) Reduced government investment
(b) Decreased food production
(c) Environmental degradation
(d) Limited use of chemical fertilizers

Q.30. The Harappans probably got copper from present-day of _____ .
(a) Tamil Nadu (b) Rajasthan
(c) Odisha (d) Kerala

Q.31. Which city hosted the 2018 Asian games?
(a) Bangkok (b) Tokyo
(c) Jakarta and Palembang (d) Hangzhou

Q.32. As enshrined in article 168 of Constitution of India, there are two Houses of the Legislature of a State, one shall be known as the_____and the other as the Legislative Assembly.
(a) House of the People
(b) State Council
(c) Council of States
(d) Legislative Council

Q.33. Right to property is a _____under the Constitution of India.
(a) Constitutional Right
(b) Fundamental Right
(c) Directive Principle
(d) Non Constitutional Right

Q.34. As on June 2023, the Executive Directors of the World Bank selected Ajay Banga, as the_____President of the World Bank for a five-year term.
(a) 14th (b) 15th (c) 13th (d) 16th

Q.35. Who has been awarded the Global Indian Icon of the Year at the annual UK-India Awards in June, 2023?
(a) M.S. Dhoni (b) Sakshi Malik
(c) Sunil Chetri (d) Mary Kom

Q.36. _____ is a storytelling classical dance form from Andhra Pradesh.
(a) Kathak (b) Sattriya
(c) Manipuri (d) Kuchipudi

Q.37. Which of the following dancers of India won the Sangeet Natak Akademi Award for Folk and Tribal dance in the year 2018?
(a) Arjun Singh Dhurwey
(b) Gopika Varma
(c) Dr. Aruna Mohanty
(d) Tapan Kumar Pattanayak

Q.38. Government in Budget 2023-24 has made announcement of Pradhan Mantri PVTG Development Mission for implementing targeted schemes for socially and economically backward Scheduled tribes. Here PVTGs stands for:
(a) Periodical Variable Tribal Groups
(b) Particularly Variable Tribal Groups
(c) Particularly Vulnerable Tribal Groups
(d) Periodical Vulnerable Tribal Groups

Q.39. How many horizontal rows are present in the modern periodic table?
(a) 9 (b) 11 (c) 7 (d) 5

Q.40. Who renounced his knighthood on learning the Jallianwala Bagh massacre?
(a) Rabindranath Tagore
(b) Subhas Chandra Bose
(c) Lala Lajpat Rai
(d) Mahatma Gandhi

Quantitative Aptitude

Q.41. Price of 1 kg of tomato is increased by 120 percent and the increase is of Rs. 720. What is the new price of the tomato per kg?
(a) Rs. 720 (b) Rs. 600
(c) Rs. 590 (d) Rs. 1320

Q.42. B1 and B2 together can complete a work in 20 days. B2 alone can complete the same work in 60 days. In how many days B1 alone can complete the same work?
(a) 10 days (b) 35 days
(c) 30 days (d) 25 days

Q.43. What is that rate of simple interest at which a sum of money becomes three times of itself in 24 years?
(a) 9.28 percent (b) 10.28 percent
(c) 8.33 percent (d) 8.68 percent

Q.44. The length and breadth of a cuboid are increased by 50 percent and 20 percent respectively. If its height is decreased by 30 percent, then what will be percentage increase in the volume of cuboid?
(a) 30 percent (b) 25 percent
(c) 26 percent (d) 20 percent

Q.45. If x : y = 3 : 5 and z : w = 2x : 5y, then what is the value of xz : yw ?
(a) 18 : 125 (b) 19 : 75
(c) 18 : 75 (d) 18 : 65

Q.46. The marked price of an article is 250 percent of the cost price. If 50 percent discount is given, then what will be the profit percentage?
(a) 25 percent (b) 20 percent
(c) 10 percent (d) 15 percent

Q.47. A bus left 60 minutes later than the scheduled time but in order to reach its destination 150 km away in time, it had to increase its usual speed by 5 km/hr. What is the usual speed of the bus?
(a) 20 km/hr (b) 15 km/hr
(c) 30 km/hr (d) 25 km/hr

Q.48. The difference between cost price and selling price of a watch is Rs. 560. If

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profit percentage is 35 percent, then what is the selling price?
(a) Rs. 2160 (b) Rs. 2240
(c) Rs. 2340 (d) Rs. 2200

Q.49. The radius of a hemisphere is 2.1 cm. What will be its volume?
(a) 24.6 cm^3 (b) 15.7 cm^3
(c) 19.4 cm^3 (d) 17.5 cm^3

Q.50. The ratio of incomes of Anil and Vikas is 8 : 5. If Vikas gets Rs. 3000 less than Anil, then what is the total income of Anil and Vikas?
(a) Rs. 14000 (b) Rs. 13000
(c) Rs. 8000 (d) Rs. 5000

Q.51. Ramesh earns profit of Rs. 46 by selling an article for Rs. 236. What is the profit percentage?
(a) 30.03 percent (b) 27.27 percent
(c) 24.21 percent (d) 26.66 percent

Q.52. What is the Least Common Multiple of 120, 240 and 480?
(a) 480 (b) 1800 (c) 960 (d) 240

Q.53. In 25 consecutive natural numbers, the average of last 13 numbers is 39.What is the average of all 25 numbers?
(a) 37 (b) 34 (c) 33 (d) 31

Q.54. What is the value of $\frac{2}{1\times3}+\frac{2}{3\times5}+\frac{2}{5\times7}\ldots\ldots+\frac{2}{45\times47}$?
(a) $\frac{46}{47}$ (b) $\frac{47}{48}$ (c) $\frac{49}{50}$ (d) $\frac{45}{46}$

Q.55. Find the HCF of $\frac{27}{50}, \frac{9}{20}, \frac{6}{25}$.
(a) $\frac{68}{7}$ (b) $\frac{47}{5}$ (c) $\frac{56}{5}$ (d) $\frac{3}{100}$

Q.56. A principal is lent at a certain rate of compound interest (compounding annually). The amount at the end of 3 years is Rs. 13310 and at the end of 4 years is Rs. 14641. What is the principal?
(a) Rs. 14500 (b) Rs. 10700
(c) Rs. 12200 (d) Rs. 10000

Q.57. The average marks of 18 students was 190. But later it was found that the score of one student was wrongly entered as 46 instead of 64. What is the correct average of their score?
(a) 192.27 (b) 193.4
(c) 191.25 (d) 191

Q.58. After working for 8 days, Payal finds that only 10 percent of the work is completed. She employs Pinky who is 50 percent more efficient than Payal. How many more days will they together take to complete the remaining work ?
(a) 25 days (b) 28.8 days
(c) 27 days (d) 30 days

Q.59. Find the greatest number which on dividing 60 and 90 leaves remainders 2 and 3 respectively.
(a) 17 (b) 29 (c) 19 (d) 23

Q.60. What is the discount percentage offered on a book having marked price Rs. 3800 being sold at Rs. 2128?
(a) 45 percent (b) 50 percent
(c) 44 percent (d) 56 percent

English

Q.61. Choose the correct word to complete the sentence:
I think Oka (rind strong-smelling cheese) is a bit too_____for a cheese plate, as it can overpower the other selections
(a) bland (b) pungent
(c) subtle (d) insipid

Q.62. Identify the segment that contains a grammatical error. If there is no error, select 'No error".
Running into Sonya's room and not finding her there,/Natasha ran to the nursery, but Sonya was not there either.
(a) Running into Sonya's room and not finding her there
(b) Natasha ran to the nursery,
(c) but Sonya was not there either
(d) No error

Q.63. Select the sentence with no spelling errors.
(a) This can impact negatively on family bonds
(b) This can impact negatively on family baunds.
(c) This can impaact negatively on family bonds
(d) This can impact negativly on family bonds.

Q.64. Choose the word that is opposite in meaning to the given word.
"Tame"
(a) Fealty (b) Paradigm
(c) Wild (d) Revisit

Q.65. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase
Once in a blue moon
(a) Every time (b) Out of nowhere
(c) Very rarely (d) To see a moon

Q.66. Select the most appropriate word to fill in the blank.
The glass broke_____ pieces.
(a) at (b) on (c) over (d) into

Q.67. Select the most appropriate meaning of the given idiom Between a rock and a hard place
(a) Avoiding the main topic, not speaking directly about the issue
(b) On the point of achievement
(c) Stuck between two very bad options
(d) Willing to do anything

Q.68. Select the most appropriate antonym of the given word.
Accusation
(a) Blast (b) Indictment
(c) Renumeration (d) Approval

Q.69. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
(On our reach at Denmark), we found the king and queen of that country elevated in two arm-chairs.
(a) On our approach at Denmark
(b) No correction required
(c) On our arrival in Denmark
(d) On our rival in Denmark

Q.70. Select the incorrectly spelt word from the given sentence.
Though this is undoutedly the greatest dictionary ever assembled, it is not designed for lexical analyser.
(a) designed (b) Though
(c) dictionary (d) undoutedly

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Supriya has much prettier face than Shilpa in our class.
(a) Supriya has much prettier
(b) No error
(c) Shilpa in our class.
(d) face than

Q.72. Choose the word that means the same as the given word.
Attack
(a) Dwindle (b) Perform
(c) Bowl (d) Assault

Q.73. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
No one may deny that Angelina was a devoted wife and mother.
(a) No one may deny
(b) that Angelina was a
(c) devoted wife and mother.
(d) No error

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Q.74. Fill in the blank with the most appropriate option.
Of course it is. They just set around _____maybe, when there's a war.
(a) except (b) expect
(c) accept (d) assent

Q.75. Select the most appropriate word to fill in the blank
Travel helps you become more broad - minded and you learn something new _____you go
(a) so (b) wherever
(c) another (d) whomever

Cloze Test :
Direction :- [Q.76. to Q.80.]
It was easy for me to find out, and I did soon (76)_____out, that Drummle had begun to follow her (77)_____ and that she allowed him to do it. A (78)_____while, and he was always in (79)_____of her, and he and I (80)_____one another every day.

Q.76. (a) find (b) discover
(c) detect (d) gaze

Q.77. (a) firm (b) sharpen
(c) closely (d) intended

Q.78. (a) little (b) petty (c) small (d) short

Q.79. (a) pursuit (b) quest
(c) seeking (d) perusal

Q.80. (a) acrossed (b) meet
(c) crossed (d) saw

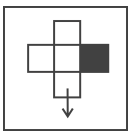
Answer Key :-

1.(d)	2.(c)	3.(d)	4.(d)
5.(c)	6.(a)	7.(d)	8.(a)
9.(a)	10.(a)	11.(d)	12.(d)
13.(a)	14.(b)	15.(a)	16.(a)
17.(d)	18.(a)	19.(a)	20.(b)
21.(b)	22.(a)	23.(a)	24.(a)
25.(a)	26.(b)	27.(d)	28.(c)
29.(c)	30.(b)	31.(c)	32.(d)
33.(a)	34.(a)	35.(d)	36.(d)
37.(a)	38.(c)	39.(c)	40.(a)
41.(d)	42.(c)	43.(c)	44.(c)
45.(a)	46.(a)	47.(d)	48.(a)
49.(c)	50.(b)	51.(c)	52.(a)
53.(c)	54.(a)	55.(d)	56.(d)
57.(d)	58.(b)	59.(b)	60.(c)
61.(b)	62.(d)	63.(a)	64.(c)
65.(c)	66.(d)	67.(c)	68.(d)

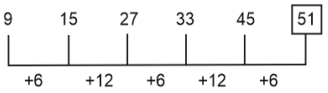
69.(c)	70.(d)	71.(a)	72.(d)
73.(a)	74.(a)	75.(b)	76.(a)
77.(c)	78.(d)	79.(a)	80.(c)

Solutions :-

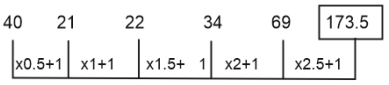
Sol.1.(d)



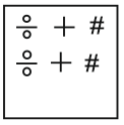
Sol.2.(c)



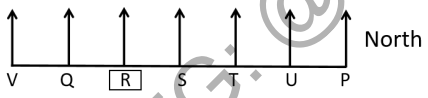
Sol.3.(d)



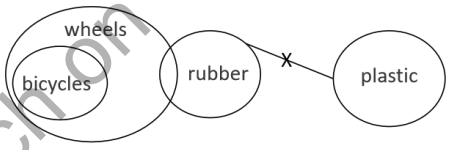
Sol.4.(d)



Sol.5.(c)



Sol.6.(a)



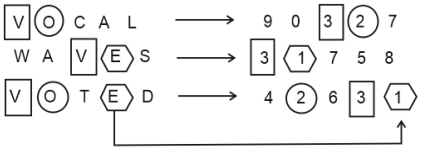
As we can see, only conclusion I follows.

Sol.7.(d)



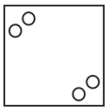
Sol.8.(a) Interchanging A, B, and C with ×, ×, and - respectively, we get
15 A 6 B 2 C 10 = 170
⇒ 15 × 6 × 2 - 10 = 170
8 A 5 B 4 C 50 = 110
⇒ 8 × 5 × 4 - 50 = 110
similarly
4 A 2 B 3 C 5
⇒ 4 × 2 × 3 - 5 = 19

Sol.9.(a)

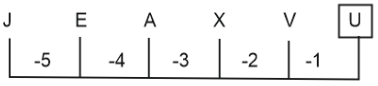


As we can see, code for E = 1.

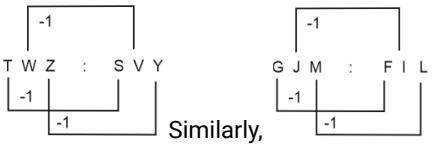
Sol.10.(a)



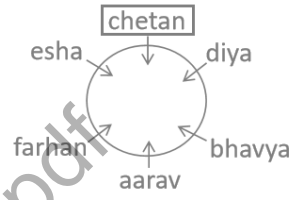
Sol.11.(d)



Sol.12.(d)



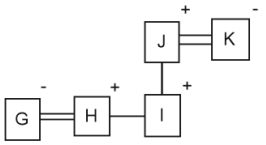
Sol.13.(a)



Sol.14.(b) The correct order is:
Tablespoon(4) → Tactful(3) → Tasty(5) → Tender(1) → Thankful(2)

Sol.15.(a)
ghijk / ghijk / ghijk / ghijk / ghijk / ghij

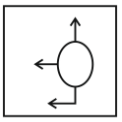
Sol.16.(a)



As we can see, J is the father of H.

Sol.17.(d) Taj Mahal is situated in Agra city, India Gate is situated in New Delhi, in the same way, Gateway Of India is situated in Mumbai.

Sol.18.(a)



Sol.19.(a) Logic: sum of place value of letters - 5 = given number
PERJURY : (16 + 5 + 18 + 10 + 21 + 18 + 25) - 5 = 108
DECEPTION : (4 + 5 + 3 + 5 + 16 + 20 + 9 + 15 + 14) - 5 = 86
Similarly,
WITNESS : (23 + 9 + 20 + 14 + 5 + 19 + 19) - 5 = 104

Sol.20.(b) Given: 8 - 9 × 4 ÷ 6 + 7 = 5
From all the options, after interchanging + and - and also 8 and 7, given equation satisfies,
⇒ 7 + 9 × 4 ÷ 6 - 8 = 5 ⇒ 7 + 6 - 8 = 5

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⇒ 5 = 5 ⇒ LHS = RHS

Sol.21.(b) Beijing. Countries and Their Capitals: Afghanistan - Kabul, Argentina - Buenos Aires, Australia - Canberra, Austria - Vienna, Belgium - Brussels, Brazil - Brasilia, Denmark - Copenhagen, Finland - Helsinki, Iran - Tehran.

Sol.22.(a) Wheat. The Green Revolution resulted in a significant increase in the production of food grains, especially wheat and rice, due to the introduction of high-yielding variety seeds. The Green Revolution was an initiative led by Norman Borlaug, who is known as the 'Father of the Green Revolution' worldwide. In India, the Green Revolution was primarily led by M.S. Swaminathan.

Sol.23.(a) Lord's, England. The final of the 1983 Cricket World Cup was played between India and the West Indies. Men's Cricket World Cup Finals: 1975 (Winner: West Indies) - Lord's, England.1992 (Pakistan) - MCG, Melbourne. 2011 (India) - Wankhede Stadium, Mumbai. 2023 (Australia) - Narendra Modi Stadium, Ahmedabad.

Sol.24.(a) Rajasthan. The Pushkar Fair (Pushkar Camel Fair) or Pushkar Mela, is an annual weeklong camel and livestock fair held in the town of Pushkar between the months of October and November. Famous Fairs in Indian States: Rajasthan - Desert Festivals, Baneshwar fair. Bihar - Sonepur Fair. Assam - Ambubachi Mela. and Haryana - Surajkund Mela.

Sol.25.(a) Sarod. He was honored with the Padma Vibhushan in 2001, the Padma Bhushan in 1991, and the Padma Shri in 1975. Musical instruments and their exponents: Sarod - Allauddin Khan, Sharan Rani Backliwal, and Zarin S. Sharma; Sitar - Ustad Vilayat Khan, Pt. Ravi Shankar, and Shahid Parvez Khan; Santoor - Bhajan Sopori, Pt. Shiv Kumar Sharma, and Pt. Tarun Bhattacharya; Guitar - Braj Bhushan Kabra.

Sol.26.(b) Two island countries, namely Sri Lanka and Maldives. Sri Lanka is separated from India by a narrow channel of sea formed by the Palk Strait and the Gulf of Mannar, while Maldives Islands are situated to the south of the Lakshadweep Islands.

Sol.27.(d) Revenue Expenditure. For example, this includes salaries, interest payments, pension, and administrative expenses. Capital expenditure - It involves government spending to create assets or reduce liabilities. It includes long-term investments in assets like roads and hospitals, as well as loans to states or repayment of borrowings.

Sol.28.(c) Youth Affairs and Sports. Hockey India was recognized as the National Sports Federation by the Ministry of Youth Affairs & Sports, Government of India, in 2014, as the sole body responsible for promoting hockey in India. Its headquarters is located in New Delhi.

Sol.29.(c) Environmental degradation. While the Green Revolution significantly increased crop yields through the use of High Yield Variety (HYV) seeds, chemical fertilizers, and irrigation, it also led to negative environmental impacts. Continuous use of groundwater for irrigation reduced water tables, and the extensive use of chemical fertilizers and pesticides caused soil degradation and pollution.

Sol.30.(b) Rajasthan. The Harappans likely obtained copper from Oman in West Asia. Tin, which they combined with copper to create bronze, might have been sourced from present-day Afghanistan and Iran. Gold possibly traveled from what is now Karnataka, while precious stones could have been acquired from present-day Gujarat, Iran, and Afghanistan.

Sol.31.(c) Jakarta and Palembang (Indonesia)**.** Host cities & countries of the Asian Games: 1951 (First edition) - New Delhi (India), 1954 - Manila (Philippines), 1966 - Bangkok (Thailand), 1982 - New Delhi, 2002 - Busan (South Korea), 2022 - Hangzhou (China), 2026 - Aichi and Nagoya (Japan), 2030 - Doha (Qatar).

Sol.32.(d) Legislative Council. Article 168 states that For every State there shall be a Legislature which shall consist of the Governor and In the states of Andhra Pradesh, Bihar, Madhya Pradesh, Maharashtra, Karnataka, Tamil Nadu, Telangana, and Uttar Pradesh, the Legislature has two Houses (Legislative Council and Legislative Assembly).

Sol.33.(a) Constitutional Right. Right to Property ceased to be a fundamental right with the 44th Constitution Amendment in 1978. It was made a Constitutional right under Article 300A in Part XII of the Constitution. Article 300A - Persons not to be deprived of property save by authority of law.

Sol.34.(a) 14th. Ajay Banga most recently served as Vice Chairman at General Atlantic. Previously, he was President and CEO of Mastercard. The World Bank was established in 1944. Headquarters - Washington, D.C.

Sol.35.(d) Mary Kom is an Indian boxer. Her awards: Padma Vibhushan (2020), Padma Bhushan (2013), Padma Shri (2006), and Major Dhyan Chand Khel Ratna (2009).

Sol.36.(d) Kuchipudi is a classical Indian dance form that originated in the village of Kuchipudi, located in Andhra Pradesh. Classical Dances of India with States: Bharatanatyam - Tamil Nadu, Kathak - Uttar Pradesh, Odissi - Odisha, Kathakali & Mohiniyattam - Kerala, Sattriya - Assam, and Manipuri - Manipur.

Sol.37.(a) Arjun Singh Dhurwey is famous for popularising Baiga folk songs and dance. The Baiga Pardhauni dance is the main dance of the Baiga tribe. In this form of dance, the performers wear the masks of peacocks, elephants, horses, etc. He received the Tulsi Samman Award from the Madhya Pradesh government and the Padma Shri in 2022.

Sol.38.(c) This mission is aimed to improve socio-economic conditions of the particularly vulnerable tribal groups (PVTGs) by saturating PVTG families and habitations with basic facilities such as safe housing, clean drinking water and sanitation, improved access to education, health and nutrition, road and telecom connectivity, and sustainable livelihood opportunities.

Sol.39.(c) 7. The Modern periodic table has 18 vertical columns called groups and 7 horizontal rows called periods. In the modern periodic table elements are arranged in an increasing order of their atomic numbers.

Sol.40.(a) Rabindranath Tagore. The Jallianwala Bagh massacre, also known as the Amritsar massacre, took place on 13 April 1919. A large crowd gathered to protest against the Rowlatt Act and the arrest of two national leaders, Satyapal and Saifuddin Kitchlew.

Sol.41.(d)

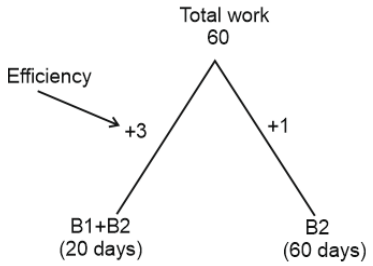
Original Price of tomato per kg = $\frac{720}{120} \times 100 = ₹600$

New price of the tomato per kg = 600 + 600 × 120% = 600 + 720 = ₹1320

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Sol.42.(c)



Efficiency of B1 = 3-1 = 2 unit
Time taken by B1 alone to complete the whole work = $\frac{60}{2}$ = 30 days

Sol.43.(c) Principal : Amount = 100 : 300
SI for 24 yrs = 300 - 100 = 200 unit
Then, SI for 1 yr = $\frac{200}{24}$ = 8.33
So, rate% = 8.33%

Sol.44.(c)
Volume of cuboid = L × B × H
Old 100 = 2 × 5 × 10
New 126 = 3 × 6 × 7
Required % increase = $\frac{126-100}{100}$ × 100
= 26%

Sol.45.(a)
xz : yw = 3 × (2 × 3) : 5 × (5 × 5) = 18 : 125

Sol.46.(a) ATQ,
$\frac{MP}{CP} = \frac{(100+P)\%}{(100-D)\%}$
$\frac{250}{100} = \frac{100+P}{50} \Rightarrow \frac{5}{2} = \frac{100+P}{50}$
250 = 200 + 2P ⇒ 50 = 2P
⇒ P = $\frac{50}{2}$ = 25%

Sol.47.(d)
Let the usual speed of the bus be x
ATQ,
$\frac{150}{x} - \frac{150}{x+5} = \frac{60}{60} = 1$
$150[\frac{5}{x(x+5)}] = 1$
$750 = x^2 + 5x$
$x^2 + 5x - 750 = 0 \Rightarrow x^2 + 30x - 25x - 750 = 0$
x(x + 30) - 25(x + 30) = 0
⇒ (x - 25)(x + 30) = 0 ⇒ x = 25 km/hr

Sol.48.(a) Let CP of a watch be 100%
SP - CP = Profit = ₹560
35% ---------- ₹560
135% ---------- $\frac{560}{35}$ × 135 = ₹2160

Sol.49.(c) Volume of hemisphere = $\frac{2}{3} \times \frac{22}{7} \times 2.1 \times 2.1 \times 2.1$
= 19.404 ≈ 19.4 cm^3

Sol.50.(b) ATQ,
8 - 5 = 3 unit ---------- ₹3000
Then, 8 + 5 = 13 unit ---------- $\frac{3000}{3}$ × 13
= ₹13,000
So, the total income of Anil and Vikas = ₹13,000

Sol.51.(c)
CP of an article = 236 - 46 = ₹190
Profit% = $\frac{46}{190}$ × 100 = $\frac{460}{19}$ = 24.21%

Sol.52.(a)
LCM of (120, 240, 480) = 2^5 × 3 × 5 = 480

Sol.53.(c)
As we know, the average of consecutive numbers is the middle number in the given series.
We have ;13th, 14th, ……..25th number is in the form of a + (a + 1) + (a + 2) + (a + 3).....(a + 12)
ATQ,
$\frac{a \times 13 + 78}{13}$ = 39
a + 6 = 39 = a = 33
So, 13th number is 33.
In 25 numbers, 13th number is the middle number. So, the average of all 25 numbers = 33

Sol.54.(a)
$\frac{2}{1\times3} + \frac{2}{3\times5} + \frac{2}{5\times7} \ldots\ldots + \frac{2}{45\times47}$
$1 - \frac{1}{3} + \frac{1}{3} - \frac{1}{5} + \frac{1}{5} - \frac{1}{7} \ldots\ldots + \frac{1}{45} - \frac{1}{47}$
$= 1 - \frac{1}{47} = \frac{46}{47}$

Sol.55.(d) HCF of $\frac{27}{50}, \frac{9}{20}, \frac{6}{25}$
$= \frac{HCF\ of\ (27,9,6)}{LCM\ of\ (50,20,25)} = \frac{3}{100}$

Sol.56.(d)
CI for 1 yr = 14641 - 13310 = ₹1331
rate% = $\frac{1331}{13310}$ × 100 = 10%
Now, P × $\frac{11}{10} \times \frac{11}{10} \times \frac{11}{10}$ = 13310
P × $\frac{1331}{1000}$ = 13310 ⇒ P = ₹10,000

Sol.57.(d) Correct average score
= 190 + $\frac{64-46}{18}$ = 190 + 1 = 191

Sol.58.(b)
Efficiency of Pinky and Payal = 3 : 2
Time taken by Payal to complete the whole work = 8 × $\frac{100}{10}$ = 80 days
Total work = 2 × 80 = 160 unit
After completing 10% of work by Payal,
Remaining work = 160 × 90% = 144 unit
Time taken by both of them to complete the remaining work = $\frac{144}{3+2} = \frac{144}{5}$
= 28.8 days

Sol.59.(b) 60 - 2 = 58, 90 - 3 = 87
Required greatest no = HCF of (58, 87)
= 29

Sol.60.(c) MP : SP = 3800 : 2128 = 25 : 14
Discount% = $\frac{25-14}{25}$ × 100 = $\frac{11}{25}$ × 100
= 44%

Sol.61.(b) pungent
'Pungent' means having a sharply strong taste. The given sentence states that Oka is a bit too pungent for a cheese plate. Hence, 'pungent' is the most appropriate answer.

Sol.62.(d) No error
The given sentence is grammatically correct.

Sol.63.(a) This can impact negatively on family bonds.
Impact', 'negatively' and 'bounds' are the correct spellings.

Sol.64.(c)
Wild - untamed or uncontrolled.
Tame - domesticated or controlled.
Fealty - loyalty to a ruler or leader.
Paradigm - a model or example that serves as a pattern.
Revisit - to return to or review something.

Sol.65.(c) **Once in a blue moon**- very rarely.
E.g.- Once in a blue moon, he visits his grandparents to check on their health.

Sol.66.(d) into
'Into' is used when something is cut or divided into two or more parts. Hence, 'into' is the most appropriate answer.

Sol.67.(c) **Between a rock and a hard place** - stuck between two very bad options.
E.g. - He was between a rock and a hard place when choosing between a job he hated and moving to a city far from his family.

Sol.68.(d) **Approval** - belief that something is good or acceptable.
Accusation - a charge or claim that someone has done something wrong or illegal.
Blast - an explosion or a loud noise.
Indictment - a formal charge or accusation of a serious crime.
Remuneration - payment or compensation for work or services.

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Sol.69.(c) On our arrival in Denmark
'Arrival' means reaching a place. The given sentence needs a noun after the preposition 'on'. Therefore, 'arrival' will be used in place of 'reach'. Hence, 'arrival' is the most appropriate answer.

Sol.70.(d) undoutedly
'Undoubtedly' is the correct spelling.

Sol.71.(a) Supriya has much prettier
Article 'a' will be used for the noun 'face'. Hence, 'Supriya has a much prettier' is the most appropriate answer.

Sol.72.(d) Assault - a physical attack or a violent attempt to harm someone.
Dwindle - to gradually decrease in size, amount, or strength.
Perform - to carry out a task or action.
Bowl - a rounded dish used for holding food.

Sol.73.(a) No one may deny
The use of 'No one' indicates certainty. So, we cannot use 'may'. 'Can' will be used here. Hence, 'No one can deny' is the most appropriate answer.

Sol.74.(a) except
The given sentence states that they usually sat around, except when there was a war. Hence, 'except' is the most appropriate answer.

Sol.75.(b) wherever
'Wherever' indicates any place that one visits. The given sentence states that you learn something new wherever you go. Hence, 'wherever' is the most appropriate answer.

Sol.76.(a) find
'Out' can only be used with 'find'. Also, by reading backwards we can see the verb 'find out'. Hence, 'find' is the most appropriate answer.

Sol.77.(c) closely
We need an adverb here to modify the verb 'follow'. Hence, 'closely' is the most appropriate answer.

Sol.78.(d) little
'Little while' is the correct phrase, meaning a short period of time. Hence, 'little' is the most appropriate answer.

Sol.79.(a) pursuit
'Pursuit' means the action of following someone. The given passage states that he was always following her. Hence, 'pursuit' is the most appropriate answer.

Sol.80.(c) crossed
'Cross' means to meet someone. The given passage states that he and I crossed one another every day. Hence, 'crossed' is the most appropriate answer.

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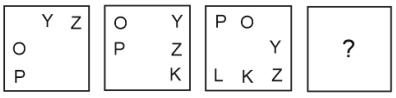
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SSC GD Constable
24/02/2024 (4th Shift)

Reasoning

Q.1. If 35 A 18 B 5 C 10 = 115 and 41 A 23 B 7C 15 = 187, then 8 A4 B5C9 = ?
(a) 17 (b) 19 (c) 27 (d) 21

Q.2. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 

(b) 

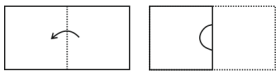
(c) 

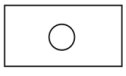
(d) 

Q.3. In a certain code language, if CARROT is coded as 81, BROCCOLI is coded as 85, then what will MUSHROOM be coded as?
(a) 130 (b) 97 (c) 102 (d) 128

Q.4. Pointing towards a photo of a girl, Rekha said, "She is the daughter of my brother's father". How girl is related to Rekha?
(a) Sister (b) Mother
(c) Sister in law (d) Grandmother

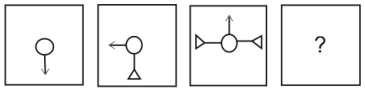
Q.5. A paper is folded and cut as shown below. How will it appear when unfolded?

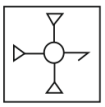
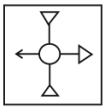
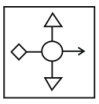
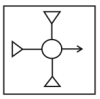


(a) 
(b) 
(c) 
(d) 

Q.6. In the following question, select the related letters from the given alternatives.
LY : KV :: JW : ?
(a) IT (b) UZ (c) WX (d) UV

Q.7. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

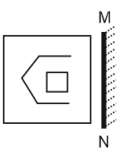
Q.8. In the following question, select the missing number from the given series.
30, 28, 24, 16, 0, ?
(a) -40 (b) -35 (c) -30 (d) -32

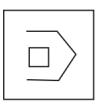
Q.9. Which two signs should be interchanged to make the given equation correct?
10 = 3 ÷ 2 - 5 + 1 × 11
(a) × and = (b) = and -
(c) × and ÷ (d) + and -

Q.10. Five friends P, B, C, G and H are sitting around a circular table facing towards the centre. B is sitting to the immediate left of C. G is not the immediate neighbour of C. H is sitting second to the right of P. Who is sitting on the immediate right of P ?
(a) G (b) B (c) C (d) H

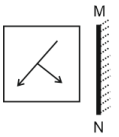
Q.11. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements :
I. No red is black.
II. No rat is black.
Conclusions :
I. Some rat are not red.
II. Some red are black.
(a) Neither conclusion follows
(b) Only conclusion II follows
(c) Both conclusions I and II follows
(d) Only conclusion I follows

Q.12. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.



(a) 
(b) 
(c) 
(d) 

Q.13. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.



(a) 
(b) 
(c) 
(d) 

Q.14. In the following question, select the related letter pair from the given alternatives.
FCQ : BYM :: ?
(a) PQR : LMM (b) ZOB : OQT
(c) WWX : FIJ (d) AMG : WIC

Q.15. Which of the following numbers will replace the question mark (?) in the given series?
33, ? , 32, 44, 31, 45
(a) 42 (b) 34 (c) 43 (d) 31

Q.16. In a certain code language, if LEFT is coded as JCDR1, RIGHT is coded as PGEFR1, then what will STRAIGHT be coded as?
(a) RFEGQYPR3 (b) QRPYGEFR3
(c) RFEGQYPR2 (d) QRPYGEFR2

Q.17. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
PMNT, TQRX, XUVB, BYZF, ?
(a) FCDJ (b) ECDQ (c) FNMR (d) EMRM

Q.18. Five colleagues Emma, Ethan, Grace, Hannah, and Isaac are sitting on a circular table facing towards the center. Hannah sits in between Emma and Grace. Isaac sits to the right of Ethan. Ethan and Emma are not neighbors. Who sits to the immediate left of Grace?
(a) Hannah (b) Emma (c) Ethan (d) Isaac

Q.19. Arrange the given words in alphabetical order:
1. Cook 2. Book 3. Took
4. Look 5. Shook
(a) 5, 1, 4, 2, 3 (b) 2, 5, 4, 1, 3
(c) 2, 3, 1, 4, 5 (d) 2, 1, 4, 5, 3

Q.20. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
bc_bccbcc_ _ _ ccccc
(a) cccc (b) ccbc (c) cbcc (d) cccb

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General Awareness

Q.21. Article 51A (i) of the Indian Constitution is related to which of the following?
(a) To safeguard public property and to abjure violence
(b) To value and preserve the rich heritage of our composite culture
(c) To defend the country and render national service when called upon to do so
(d) To uphold and protect the sovereignty, unity and integrity of India

Q.22. In which year did India host second Asian Games?
(a) 1978 (b) 1980 (c) 1999 (d) 1982

Q.23. The Cabinet Committee on Economic Affairs chaired by the Prime Minister Shri Narendra Modi approved a new Central Sector Scheme "PM Vishwakarma" in 2023 with a financial outlay of Rs. 13,000 crore for a period of _____.
(a) ten years (b) seven years
(c) five years (d) six years

Q.24. India shares about _____ of its land border With Afghanistan.
(a) 306 KM (b) 106 KM
(c) 506 KM (d) 706 KM

Q.25. Sri Lanka is separated from India by a narrow channel of sea formed by the Palk Strait and the _____.
(a) Gulf of Strait (b) Gulf of Kutch
(c) Gulf of Mannar (d) Gulf of Khambat

Q.26. Free throw is the sport term of _____.
(a) Football (b) Cricket
(c) Badminton (d) Basketball

Q.27. The couple who won Padma Bhushan in 2009 for Bharatanatyam are _____.
(a) Krishna Ella and Suchitra Ella
(b) K.V. Sampath Kumar and Vidushi K.S. Jayalakshmi
(c) Vannadil Pudiyaveettil Dhananjayan and Shanta Dhananjayan
(d) Mahaboob Subhani and Kaleeshabi Mahboob

Q.28. As on June 2023, who launched the multi-lingual India Legal App, legal helpline accessible to the citizens to obtain legal assistance from their homes?
(a) Justice M. N. Venkatachaliah
(b) Justice J.S. Khehar
(c) Justice T.S. Thakur
(d) Justice H.L. Dattu

Q.29. Who has been named "Governor of the Year" for 2023 at Central Banking Awards 2023?
(a) Shaktikanta Das (b) D. Subbarao
(c) Urjit Patel (d) Raghuram Rajan

Q.30. On which Indian musician's life was the documentary film "Bansuri Guru" based on?
(a) T.H. Vinayakram
(b) Pandit Ravi Shankar
(c) Hari Prasad Chaurasia
(d) Pandit Shivkumar Sharma

Q.31. What is Statutory Liquidity Ratio (SLR) ?
(a) It's the percentage of deposits that banks must keep in liquid form in the short term
(b) It's the interest rate at which banks borrow from the central bank
(c) It's the ratio of government bonds to total assets held by a bank
(d) It's the ratio of a bank's capital to its total assets

Q.32. Which of the following terms is NOT related with cricket?
I. Runs II. Dribbling
(a) Both I and II (b) Neither I nor II
(c) Only I (d) Only II

Q.33. Which of the following state is associated with Kathak?
(a) Uttar Pradesh (b) Kerala
(c) Andhra Pradesh (d) Bihar

Q.34. Who among the following is the wife of Chandragupta I.
(a) Kumarikanya (b) Kanyadevi
(c) Kumaradevi (d) Kanyakumari

Q.35. Which of the following five-year plan of India has achieved its target growth?
(a) Ninth Plan (b) Tenth Plan
(c) Eleventh Plan (d) Eighth Plan

Q.36. In India, the salaries of the Supreme Court judges are determined by_____.
(a) President of India
(b) Parliament of India
(c) Chief Justice of India
(d) Prime Minister of India

Q.37. Which one is the Traditional Celebrations of Kerala ?
(a) Nag Panchami (b) Hornbill Festival
(c) Baisakhi (d) Onam

Q.38. What is the atomic number of 'Helium according to the modern periodic table?
(a) 5 (b) 3 (c) 2 (d) 4

Q.39. Who among the following addressed World Parliament of Religions at Chicago in 1893?
(a) Swami Vivekananda
(b) Ishwarchandra Vidyasagar
(c) Swami Dayanand Saraswati
(d) Raja Rammohun Roy

Q.40. A fall in the bank rate can_____ the money supply.
(a) decrease (b) not impact
(c) equalize (d) increase

Quantitative Aptitude

Q.41. The average salary of a company's eight employees is $6000 per year. If the average salary of the first 4 employees is $5500 and the average salary of the next 2 employees is $7000, what is the average salary of the remaining 2 employees to maintain the company's average salary?
(a) $5500 (b) $6000 (c) $4200 (d) $7300

Q.42. Shyam can complete $\frac{3}{5}$ part of a work in 10 days. Rakhi is 1.5 times as efficient as Shyam. In how many days will Rakhi alone complete the same work?
(a) 18 days (b) 22 days
(c) $\frac{100}{9}$ days (d) 20 days

Q.43. The marked price of a shirt is twice of the cost price. To earn a gain of 20 percent, what should be the discount percentage?
(a) 40 percent (b) 37 percent
(c) 47 percent (d) 45 percent

Q.44. If Raman travels with 30 percent less speed of its usual speed, then he will reach 15 minutes late. What is the usual time taken by him?
(a) 28 minutes (b) 42 minutes
(c) 21 minutes (d) 35 minutes

Q.45. What is the value of $\frac{625}{125}$ of $\frac{45}{225} + \frac{256}{64} \div \frac{56}{196}$?
(a) 15 (b) 14 (c) 16 (d) 17

Q.46. A number increased by 28% gives 320 as a result. Find the number.
(a) 250 (b) 240 (c) 220 (d) 280

Q.47. The average of five consecutive odd numbers is 21. What is the largest number out of these five numbers?
(a) 27 (b) 31 (c) 25 (d) 29

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Q.48. The difference between simple interest on a certain sum at the annual rate of 12 percent for ($\frac{3}{2}$) years and ($\frac{7}{2}$) years is Rs. 1920. What is the sum?
(a) Rs. 6000 (b) Rs. 14000
(c) Rs. 8000 (d) Rs. 12000

Q.49. Anil donates 30 percent of his income to a school and deposits 70 percent of the remainder in his bank. If he has Rs. 9765 now, then what is the income of Anil?
(a) Rs.45600 (b) Rs.45500
(c) Rs.46000 (d) Rs.46500

Q.50. The length of the longest rod that can be placed in a cubical room is 8√3 cm. What is the volume of the cube?
(a) 1728 cm³ (b) 216 cm³
(c) 512 cm³ (d) 64 cm³

Q.51. Tom and Jerry can paint a house together in 9 days. If Tom alone can paint the same house in 15 days, how long will it take for Jerry to paint the house alone?
(a) $\frac{45}{2}$ days (b) $\frac{45}{7}$ days
(c) $\frac{41}{3}$ days (d) $\frac{41}{5}$ days

Q.52. A table is purchased for Rs. 8500 and sold for Rs. 8000. What is the loss percentage?
(a) 5.88 percent (b) 10 percent
(c) 5 percent (d) 7.5 percent

Q.53. Rs.17000 is lent at compound interest at an annual rate of 22 percent for 1 year (compounding annually). If the compounding of interest is done half yearly, then how much more interest will be obtained?
(a) Rs.210.8 (b) Rs.205.7
(c) Rs.204.4 (d) Rs.208.8

Q.54. Simplify: 30 ÷ (2 × 3) + 2.
(a) 6 (b) 4 (c) 8 (d) 7

Q.55. If p : q = 6 : 5, then what is the value of (6p + 5q) : (6p - 5q)?
(a) 45 : 16 (b) 35 : 7 (c) 81 : 7 (d) 61 : 11

Q.56. An electric wire of 60 meters is cut into equal segments of 5 meters each. Calculate the number of segments.
(a) 8 (b) 10 (c) 12 (d) 6

Q.57. Last year Neil bought two watches. This year he sold them for ₹15,000 each. On one, he made a 25% profit and on the other, he had a x% loss. If his net loss is ₹ 2000, then find the value of x.
(a) 50 (b) 40 (c) 25 (d) 80

Q.58. If Marked price of an article is Rs. 2500 and selling price is Rs. 2000. What is the discount percentage?
(a) 10 (b) 25 (c) 15 (d) 20

Q.59. What is the value of 25 × 4 - 22 ÷ 11 × 7 + 4 × 3 ?
(a) 98 (b) 88 (c) 92 (d) 96

Q.60. If x = ($\frac{3}{8}$)y and y = ($\frac{3}{4}$)z, then what is the value of x : y : z?
(a) 9 : 25 : 31 (b) 9 : 24 : 34
(c) 9 : 24 : 32 (d) 9 : 8 : 31

English

Q.61. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
To abandon your friends now would be a **break of confidence**.
(a) In the dark
(b) Spill the beans
(c) Off on the wrong foot
(d) Breach of faith

Q.62. Choose the most appropriate synonym of the underlined word.
We were **disillusioned** when we saw how the movie star acted in real life.
(a) Disenchanted (b) Deluded
(c) Fooled (d) Misrepresented

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Sonam is current reading the books I gave her for her birthday.
(a) No error
(b) her for her birthday
(c) the books I gave
(d) Sonam is current reading

Q.64. Choose the most appropriate antonym of the underlined word
Mustafa then proceeded to **enumerate** five factors that he believed are contributing to the prevailing despair.
(a) Guess (b) Detail
(c) Specify (d) Calculate

Q.65. Select the sentence with no spelling errors.
(a) By virtue of being readers we are also writers, I now believe, but that was not always the case
(b) By vertue of being readers we are also writers, I now believe, but that was not always the case.
(c) By virtue of being readers we are also riters, I now believe, but that was not always the case.
(d) By virtue of being readers we are also writers, I now beleive, but that was not always the case.

Q.66. Select the most appropriate word to fill in the blank.
It is well known that the company is _____ against older workers and refuses to hire anyone over the age of 50.
(a) prejudiced (b) prejudicing
(c) prejudices (d) prejudice

Q.67. Improve the underlined part of the sentence. Choose "No improvement ' as an answer if the sentence is grammatically correct.
The hippopotamus is a mildly and peace - loving animal.
(a) a milder and (b) a mild and
(c) No improvement (d) the mildest or

Q.68. Select the incorrectly spelt word from the given sentence.
He added that time has come when responsibility should be fised for such incidents.
(a) responsibility (b) added
(c) fised (d) incidents

Q.69. Fill in the blank with the most appropriate option.
That's is the _____ man I was telling you about, he was the one following me
(a) bawled (b) balled
(c) bald (d) bailed

Q.70. Select the most appropriate option for the given blank.
Don't _____ faith, everything will be all right.
(a) lose (b) loose (c) raises (d) give

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Previous studies of both animal models and humans, have find that involuntary muscle contractions in utero send signals to the cortex.
(a) contractions in utero send signals to the cortex
(b) have find that involuntary muscle
(c) No error
(d) Previous studies of both animal models and humans

Q.72. Select the most appropriate word to fill in the blank.
Loud fireworks also have an_____ on glaciers.
(a) effect (b) affects
(c) effecting (d) affect

Q.73. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no error if there is no error in the sentence.
After they had eaten a delicious homemade dinner,/the family gathered

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around the fireplace/ to share stories and laughter.
(a) After they had eaten a delicious homemade dinner,
(b) to share stories and laughter.
(c) the family gathered around the fireplace
(d) no error

Q.74. Fill in the blank with the most appropriate option.
I fear she is fretting about something, I wish I could _____what it is.
(a) query (b) find out
(c) investigate (d) fall out

Q.75. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To pull somebody's leg
(a) To bear your expenses
(b) To bring no harm
(c) To make fun of somebody
(d) To refrain someone from working

Cloze Test :
Direction :- [Q.76. to Q.80.]
The different elephants' diets have very different impacts (76)_____their surroundings, which have been studied.African elephants can be quite destructive, as their (77)_____for saplings can leave a barren land behind. Asian elephants have been deemed "daintier eaters," as they leave less of an impact by (78)_____fewer tree scars. Instead, they clear away more palms and grass. Elephants in captivity will likely be fed a diet that (79)_____some of the same foods that of a wild elephant. However, they often are also fed hay. An adult elephant can (80)_____ 4-5 bales of hay each day, which is 4.5-8kg or 10-18lbs.

Q.76. (a) at (b) over (c) on (d) in

Q.77. (a) prudence (b) inclusiveness
(c) proximity (d) preference

Q.78. (a) sledging (b) siding
(c) leaving (d) hiding

Q.79. (a) includes (b) subjugates
(c) invites (d) attracts

Q.80. (a) eat (b) sell (c) levy (d) bail

Answer Key :-

1.(b)	2.(d)	3.(a)	4.(a)
5.(d)	6.(a)	7.(d)	8.(d)
9.(a)	10.(a)	11.(a)	12.(d)
13.(a)	14.(d)	15.(c)	16.(d)
17.(a)	18.(a)	19.(d)	20.(d)
21.(a)	22.(d)	23.(c)	24.(b)
25.(c)	26.(d)	27.(c)	28.(a)
29.(a)	30.(c)	31.(a)	32.(d)
33.(a)	34.(c)	35.(d)	36.(b)
37.(d)	38.(c)	39.(a)	40.(d)
41.(b)	42.(c)	43.(a)	44.(d)
45.(a)	46.(a)	47.(c)	48.(c)
49.(d)	50.(c)	51.(a)	52.(a)
53.(b)	54.(d)	55.(d)	56.(c)
57.(c)	58.(d)	59.(a)	60.(c)
61.(d)	62.(a)	63.(d)	64.(a)
65.(a)	66.(a)	67.(b)	68.(c)
69.(c)	70.(a)	71.(b)	72.(a)
73.(d)	74.(b)	75.(c)	76.(c)
77.(d)	78.(c)	79.(a)	80.(a)

Solutions :-

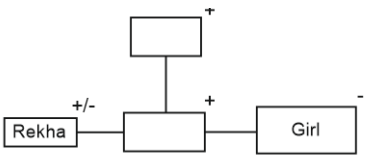
Sol.1.(b) Logic :- Interchanging A ,B and C with + , × and - respectively we get,
⇒ 35 A 18 B 5 C 10 = 115
35 + 18 × 5 - 10
35 + 90 - 10 = 115
⇒ 41 A 23 B 7 C 15 = 187
41 + 23 × 7 - 15
41 + 161 - 15 = 187
Similarly,
⇒ 8 A 4 B 5 C 9
8 + 4 × 5 - 9
8 + 20 - 9 = 19

Sol.2.(d)



Sol.3.(a) Logic :- (Sum of the place value of letters) + (Number of letters in word)
CARROT :- (3 + 1 + 18 + 18 + 15 + 20)
⇒ (75) + (6) = 81
BROCCOLI :- (2 + 18 + 15 + 3 + 3 + 15 + 12 + 9) ⇒ (77) + (8) = 85
Similarly,
MUSHROOM :- (13 + 21 + 19 + 8 + 18 + 15 + 15 + 13) ⇒ (122) + (8) = 130

Sol.4.(a)

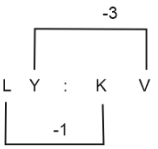


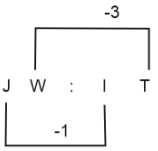
Girl is the sister of Rekha.

Sol.5.(d)



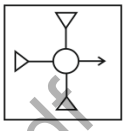
Sol.6.(a)



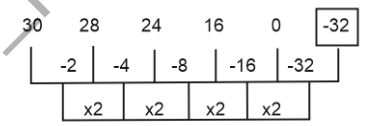


Similarly,

Sol.7.(d)

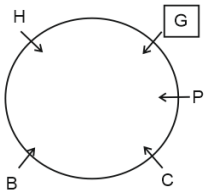


Sol.8.(d)

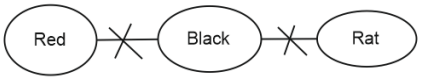


Sol.9.(a) Given :- 10 = 3 ÷ 2 - 5 + 1 × 11
After going through all the options, option a satisfied. After interchanging × and = we get
10 × 3 ÷ 2 - 5 + 1 = 11
15 - 5 + 1 = 11 ⇒ LHS = RHS

Sol.10.(a)

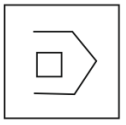


Sol.11.(a)

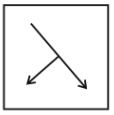


Neither conclusion follows.

Sol.12.(d)



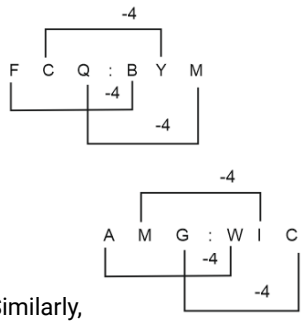
Sol.13.(a)



Sol.14.(d)

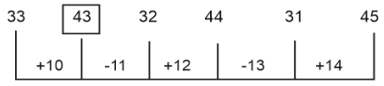
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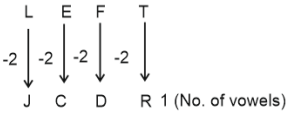


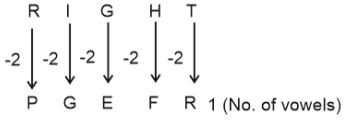
Similarly,

Sol.15.(c)

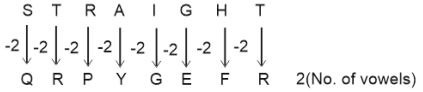


Sol.16.(d)

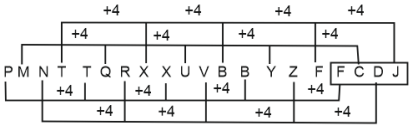




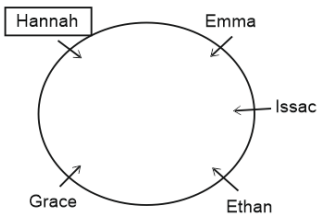
Similarly,



Sol.17.(a)



Sol.18.(a)



Sol.19.(d) The correct order is Book(2) → Cook(1) → Look(4) → Shook(5) → Took(3)

Sol.20.(d) bc**c** / bccc / bcc**cc** / **b**ccccc

Sol.21.(a) Other Articles: 51A (a) - to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem; 51A (c) - to uphold and protect the sovereignty, unity and integrity of India; 51A (d) - to defend the country and render national service when called upon to do so; 51A (f) - to value and preserve the rich heritage of our composite culture.

Sol.22.(d) 1982. The Asian Games are organized by the Olympic Council of Asia (OCA) every four years. India hosted the first Asian Games in 1951. Thailand has hosted the most Asian Games, in 1966, 1970, 1978, and 1998. The 20th Asian Games (2026) will be held in Nagoya, Japan.

Sol.23.(c) five years. PM Vishwakarma Yojna was launched on 17th September, 2023 to provide end-to-end support to artisans and craftspeople who work with their hands and tools. Jammu and Kashmir becomes first UT to implement PM Vishwakarma Yojana.

Sol.24.(b) 106 KM. India has a land border of 15,106.7 km and a coastline of 7,516.6 km, including its island territories. The lengths of our land borders with neighboring countries are: Bangladesh (4,096.7 km), China (3,488 km), Pakistan (3,323 km), Nepal (1,751 km), Myanmar (1,643 km), and Bhutan (699 km).

Sol.25.(c) Gulf of Mannar. The Gulf of Khambhat (also known as the Gulf of Cambay) is an inlet of the Arabian Sea along the west coast of India, in the state of Gujarat. It divides the Kathiawar Peninsula from the south-eastern part of Gujarat. The Gulf of Kutch divides the Kutch and the Kathiawar peninsula regions in the state of Gujarat.

Sol.26.(d) Basketball. Sports and Terminologies: Basketball - Slam Dunk, Alley-oop, Bank Shot, Double Dribble, Hook Shot. Football - Corner Kick, Goalkeeper, Offside, Penalty Kick, Counterattack. Cricket - LBW, Hit Wicket, Googly, Dead Ball, Bouncer. Badminton - Alley, Baseline, Centerline, Drive, Drop Shot, Net Shot, Wood Shot, Push Shot, etc.

Sol.27.(c) Some famous Bharatanatyam exponents include T. Balasaraswati, Kumari Kamala, Sucheta Bhide Chapekar, Yamini Krishnamurthy, Saroja Vaidyanathan, Alarmel Valli, Geeta Chandran, and Mallika Sarabhai.

Sol.28.(a) Justice M. N. Venkatachaliah. He was the 25th Chief Justice of India. Awards: Padma Vibhushan in 2004.

Sol.29.(a) Shaktikanta Das is currently serving as the 25th Governor of the Reserve Bank of India (RBI) as of August 2024. The first Governor of the RBI was Sir Osborne Smith, while the first Indian Governor was Chintamani Dwarkanath Deshmukh (C. D. Deshmukh).

Sol.30.(c) Hari Prasad Chaurasia, an Indian flutist associated with the Maihar Senia Gharana, has received several prestigious awards, including the Sangeet Natak Akademi Award (1983), the Padma Bhushan (1992), and the Padma Vibhushan (2000). Other famous flutists include Ronu Majumdar, Devendra Murdeshwar, Raghunath Seth, Pt. Rajendra Prasanna, and Chetan Joshi.

Sol.31.(a) Statutory Liquidity Ratio. Other economics terms: Cash Reserve Ratio (CRR) - The fraction of their deposits which the commercial banks are required to keep with RBI. Currency deposit ratio - The ratio of money held by the public in currency to that held as deposits in commercial banks. Reserve deposit ratio - The fraction of their total deposits which commercial banks keep as reserves.

Sol.32.(d) Only II. Cricket is a bat-and-ball game played between two teams of eleven players on a field at the center of which is a 22-yard pitch with a wicket at each end, each comprising two bails balanced on three stumps. Cricket Terms - Bouncer, Boundary, Chinaman, Dead ball, Economy rate, and leg before wicket (LBW).

Sol.33.(a) Uttar Pradesh. The Sangeet Natak Academy recognizes eight classical dances: Bharatanatyam (Tamil Nadu), Kuchipudi (Andhra Pradesh), Odissi (Odisha), Kathakali and Mohiniyattam (Kerala), Sattriya (Assam), Manipuri (Manipur), Kathak (Uttar Pradesh). Additionally, the Indian Ministry of Culture includes Chhau in its list, recognising nine total styles.

Sol.34.(c) Kumaradevi. Chandragupta I was a Gupta ruler, and his wife belonged to the Lichchhavi clan. He was the first ruler of the Gupta dynasty to adopt the title of Maharajadhiraja. Samudragupta was the son of Chandragupta I and Queen Kumaradevi.

Sol.35.(d) The Eighth Five-Year Plan (1992-97) had a targeted growth rate of 5.6%, but the actual achievement was around 6.8%. The Ninth Plan (1997-2002) focused on 'Growth with Social Justice and Equality,' with a target growth rate of 6.5%. The actual growth rate was 5.4%. The Tenth Plan (2002-2007) set 'monitorable targets' for a few key indicators (11) of development, alongside an 8% growth target. The actual growth rate was 7.6%.

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Sol.36.(b) Parliament of India. According to the Constitution of India, Article 125 states that Parliament determines the salaries of Supreme Court judges. Article 221 (1) - There shall be paid to the Judges of each High Court such salaries as may be determined by Parliament by law and, until provision in that behalf is so made, such salaries as are specified in the Second Schedule.

Sol.37.(d) Onam is a harvest festival celebrated in the months of August-September. Other festivals of Kerala include Thrissur Pooram, the Boat Festival, Attukal Pongala, Vishu, Makaravilakku, and the Theyyam Festival.

Sol.38.(c) 2. Modern periodic table atomic number: Hydrogen (H) - 1, Lithium (Li) - 3, Beryllium (Be) - 4, Boron (B) - 5, Carbon (C) - 6, Nitrogen (N) - 7, Oxygen (O) - 8, Fluorine (F) - 9, Neon (Ne) - 10, Sodium (Na) - 11, Magnesium (Mg) - 12, Aluminium (Al) - 13, Silicon (Si) - 14, Phosphorus (P) - 15, Sulfur (S) - 16, Chlorine (Cl) - 17, Argon (Ar) - 18, Potassium (K) - 19, Calcium (Ca) - 20.

Sol.39.(a) Swami Vivekananda (Narendranath Datta**).** He was born on 12th January 1863 in Calcutta. In 1893, upon the request of Maharaja Ajit Singh of the Khetri State, he took the name 'Vivekananda'. He was the chief disciple of the Ramakrishna Paramhansa and established the Ramakrishna Mission in 1897. In 1899, he established the Belur Math, which became his permanent abode. He died at Belur Math in 1902.

Sol.40.(d) increase. The Reserve Bank of India (RBI) can influence money supply by changing the rate at which it gives loans to the commercial banks. By increasing the bank rate, loans taken by commercial banks become more expensive; this reduces the reserves held by the commercial bank and hence decreases money supply.

Sol.41.(b)
No of employees → 4 : 2 : 2 = 2 : 1 : 1
Average salary → 5500 : 7000 : x
6000 = $\frac{2\times5500+1\times7000+x}{2+1+1}$ = $\frac{18000+x}{4}$
24000 = 18,000 + x ⇒ x = \$6,000

Sol.42.(c)
Time taken by Shyam to complete the whole work = $10\times\frac{5}{3}=\frac{50}{3}$ days
Efficiency of Rakhi and Shyam = 3 : 2
Total work = $\frac{50}{3}\times2=\frac{100}{3}$ unit
Time taken by Rakhi to complete the same work = $\frac{100}{3\times3}=\frac{100}{9}$ days

Sol.43.(a) Let CP and MP of a shirt be ₹100 and ₹200 respectively
SP of the shirt = 100 × 120% = ₹120
Discount% = $\frac{200-120}{200}\times100$
= $\frac{80}{2}$ = 40%

Sol.44.(d)

	Old		New
Speed →	10	:	7
Time →	7	:	10

ATQ, 10 - 7 = 3 unit = 15 minute
Then, 7 unit = $\frac{15}{3}\times7$ = 35 minute
So, the usual time taken by Raman is 35 minute.

Sol.45.(a) $\frac{625}{125}$ of $\frac{45}{225}+\frac{256}{64}\div\frac{56}{196}$
$1+\frac{256}{64}\times\frac{196}{56}$ ⇒ 1 + 14 = 15

Sol.46.(a) Let the number be x
Then, x × 128% = 320
$x\times\frac{32}{25}=320\Rightarrow x=\frac{320\times25}{32}=250$

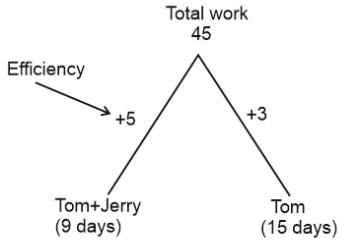
Sol.47.(c) Average of 5 consecutive odd numbers = middle number i.e.3rd number = 21
So, the largest number = 21 + 2 × 2 = 25

Sol.48.(c) SI ∝ T
SI = $\frac{3}{2}:\frac{7}{2}$ = 3 : 7
7 - 3 = 4 unit ---------- ₹1920
Then, 3 unit ---------- $\frac{1920}{4}\times3$ = ₹1440
Now, P × $\frac{3}{2}$ × 12% = 1440
P × 18% = 1440
P = $\frac{1440}{18}\times100$ = ₹8000

Sol.49.(d) Let the income of Anil be x
ATQ,
$x\times\frac{30}{100}\times\frac{70}{100}=9765$
$x\times\frac{21}{100}=9765\Rightarrow x=\frac{976500}{21}$ = ₹46,500

Sol.50.(c)
Length of the longest rod = $\sqrt{3}$a
$8\sqrt{3}=\sqrt{3}a\Rightarrow a=8$ cm
Volume of cube = 8^3 = 512 cm^3

Sol.51.(a)



Efficiency of Jerry = 5 - 3 = 2 unit
Time taken by Jerry to paint the house
= $\frac{45}{2}$ days

Sol.52.(a) CP : SP = 8500 : 8000 = 17 : 16
Loss% = $\frac{17-16}{17}\times100=\frac{100}{17}$ = 5.88%

Sol.53.(b) Rate for half year = $\frac{22}{2}$ = 11%,
Time = 1 yr, No of cycle = 2
CI for 1 yr (half-yearly)
= $(11+11+\frac{11\times11}{100})$% = 22 + 1.21
= 23.21%
Required Interest = (23.21% - 22%)
= 1.21% of 17,000 = ₹205.7

Sol.54.(d) 30 ÷ (2 × 3) + 2
= 30 ÷ 6 + 2 = 5 + 2 = 7

Sol.55.(d) 6p : 5q = 6 × 6 : 5 × 5 = 36 : 25
$\frac{6p+5q}{6p-5q}=\frac{36+25}{36-25}=\frac{61}{11}$

Sol.56.(c) No of segments = $\frac{60}{5}$ = 12

Sol.57.(c) Selling price of both watches = 15000 + 15000 = Rs.30000
First watch sold at 25% profit
Then, cost price of first watch
= 15000 × $\frac{4}{5}$ = Rs.12000
According to the question,
Overall loss = Rs.2000
Then, cost price of second watch
= (30000 + 2000) - 12000 = Rs. 20000
Selling price of second watch
= Rs. 15000
So, required % = $\frac{20000-15000}{200000}\times100$
= 25%

Sol.58.(d) MP : SP = 2500 : 2000 = 5 : 4
Discount% = $\frac{5-4}{5}\times100=\frac{100}{5}$ = 20%

Sol.59.(a) 25 × 4 - 22 ÷ 11 × 7 + 4 × 3
100 - 14 + 12 = 98

Sol.60.(c)
x : y : z = $(\frac{3}{8})$y : y : $\frac{4}{3}$y = $\frac{3}{8}$: 1 : $\frac{4}{3}$
= 9 : 24 : 32

Sol.61.(d) Breach of faith- break of

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confidence.

Sol.62.(a) Disenchanted- no longer believing in the value of something, esp. after having learned of the faults that it has.
Disillusioned- disappointed in someone or something that one discovers to be less good than one had believed.
Deluded- to be misled or deceived.
Fooled- tricked someone.
Misrepresented- to describe falsely an idea, opinion, or situation, often in order to get an advantage.

Sol.63.(d) Sonam is current reading
'Current' is an adjective, but we need the adverb 'currently' to modify the verb 'reading'. Hence, 'Sonam is currently reading' is the most appropriate answer.

Sol.64.(a) Guess- making an estimate or assumption without listing or detailing factors.
Enumerate- to list or mention items one by one, with precision and detail.
Detail- an individual fact or item.
Specify- to identify something clearly and exactly.
Calculate- determine the amount or number of something mathematically.

Sol.65.(a) By virtue of being readers we are also writers, I now believe, but that was not always the case
'Virtue', 'writers' and ' believe' are the correct spellings.

Sol.66.(a) prejudiced
'Is' is a stative verb and we use an adjective after the stative verb. 'Prejudiced' is a past participle acting as an adjective. Hence, 'prejudiced' is the most appropriate answer.

Sol.67.(b) a mild and
We use 'and / or / but' to connect two similar parts of speech. Here, 'and' connects two words and one word is an adjective(peace-loving) of positive degree. So, the other word will be 'mild' which is also an adjective of positive degree. Hence, 'a mild and' is the most appropriate answer.

Sol.68.(c) fised
'Fixed' is the correct spelling.

Sol.69.(c) bald
'Bald' means someone who has little or no hair on his head. The given sentence states that that was the bald man I was telling you about. Hence, 'bald' is the most appropriate answer.

Sol.70.(a) lose
The speaker of the given sentence is telling a person not to lose faith and that everything will be all right. Hence, 'lose' is the most appropriate answer.

Sol.71.(b) have find that involuntary muscle
'Has/have/had' takes the third form of the verb. Hence, ' have found(V_3) that involuntary muscle' is the most appropriate answer.

Sol.72.(a) effect
The noun 'effect' will be used here as we always use an article ('an') with a noun. Hence, 'effect' is the most appropriate answer.

Sol.73.(d) no error
The given sentence is grammatically correct.

Sol.74.(b) find out
'Find out' means to get information about something because you want to know more about it. According to the sentence, a person is fretting about something and another person wishes to know more about it. Hence, 'find out' is the most appropriate answer.

Sol.75.(c) To pull somebody's leg- to make fun of somebody.
E.g.- She told me that I was looking pretty in the floral dress but she was just pulling my legs.

Sol.76.(c) on
'On' is a fixed preposition used after the word 'impact'. Hence, 'on' is the most appropriate answer.

Sol.77.(d) preference
'Preference' means special liking for something. The given passage states that African elephants can be quite destructive, as their preference for saplings can leave a barren land behind. Hence, 'preference' is the most appropriate answer.

Sol.78.(c) leaving
'Leave' is the correct verb to use with 'scar'. The given passage states that asian elephants have been deemed "daintier eaters," as they leave less of an impact by leaving fewer tree scars. Hence, 'leaving' is the most appropriate answer.

Sol.79.(a) includes
'Include' means to have something as a part. The given passage states that elephants in captivity will likely be fed a diet that includes some of the same foods that of a wild elephant. Hence, 'includes' is the most appropriate answer.

Sol.80.(a) eat
The given passage states that an adult elephant can eat 4 - 5 bales of hay each day. Hence, 'eat' is the most appropriate answer.

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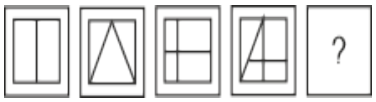
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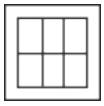
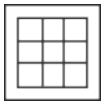
SSC GD Constable
26/02/2024 (1st Shift)

Reasoning

Q.1. A series is given below with one term missing. Choose the option from the given options that will complete the series.
SW, UQ, OS, QM, ?
(a) RS (b) KR (c) KM (d) KO

Q.2. In the following question, select the figure given in the options which can be replaced by the question mark (?).

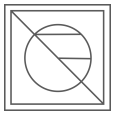
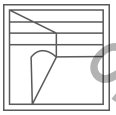


(a)  (b) 
(c)  (d) 

Q.3. If 100 R 50 S 18 T 9 = 152 and 84 R 30 S 80 T 4 = 134, then 75 R 125 S 200 T 40 = ?
(a) 180 (b) 200 (c) 185 (d) 205

Q.4. From the given option figures, select the figure in which question figure is hidden/contained. (Rotating is not allowed)



(a)  (b) 
(c)  (d) 

Q.5. In a certain code language, 'BHUTAN' is written as 'UHBVCP', 'GREECE' is written as 'ERGGEG'. How will 'FRANCE' be written in the same code language ?
(a) GSBECN (b) ARFPEG
(c) ARFECN (d) GSBODF

Q.6. Pointing to the photograph of a man, Ram said, "He is the father of my mother's husband".How is that man related to Ram ?
(a) father's father (b) uncle
(c) father (d) brother

Q.7. In the following question some statements are given and some conclusions based on those statements. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and then decide which of the given conclusions logically follows from the given statements.
Statement :
I. No S is T.
II. Some U are S.
Conclusion :
I. Some U are not T.
II. All T are U.
(a) None of the conclusions follows
(b) Only conclusion I follows
(c) Both conclusions I and II follow
(d) Only conclusion II follows

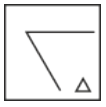
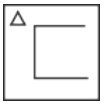
Q.8. Arrange the given words in English alphabetical order.
1. PINK 2. PING 3. PICK
4. PULL 5. PUSH
(a) 3, 4, 1, 2, 5 (b) 3, 5, 4, 2, 1
(c) 3, 2, 1, 4, 5 (d) 3, 1, 2, 4, 5

Q.9. Which of the following numbers will come in place of question mark (?) in the given series ?
2, 5, 11, 23, 47, ?, 191
(a) 80 (b) 95 (c) 90 (d) 85

Q.10. In the following question, select the related letter-pair from the given alternatives.
BHL : YEI :: ?
(a) AMG : XJD (b) LOB : WZA
(c) OLM : NOP (d) ABC : DQR

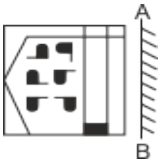
Q.11. In the following question, select the figure given in the options which can be placed in place of question mark (?).

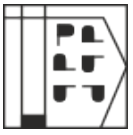


(a)  (b) 
(c)  (d) 

Q.12. Which of the following numbers will come in place of question mark (?) in the given series ?
99, 91, ?, 74, 65, 57
(a) 89 (b) 86 (c) 78 (d) 82

Q.13. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure ?



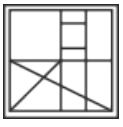
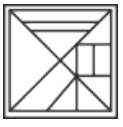
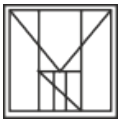
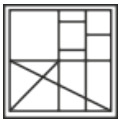
(a)  (b) 
(c)  (d) 

Q.14. Eight persons Reena, Kiran, Rahul, Deepak, Amit, Vikas, Preeti and Priya are sitting around a square table such that two persons sit in the middle of each side. All the persons are sitting facing the centre of the table. Reena is sitting immediate right of Amit and they both are sitting on the same side. Preeti is sitting facing the person who is sitting second from the left of Kiran. Preeti sits fourth from the right of Reena. There are two persons sitting between Vikas and Deepak (when counted from one side only) and Deepak is sitting adjacent to Amit. Only one person sits between Preeti and Rahul (when counted from one side only). Who is sitting immediate left of Deepak ?
(a) Reena (b) Rahul (c) Priya (d) Vikas

Q.15. From the following options select the option that is related to the third word in the same way as the second word is related to the first word.
Garden : Flowers :: Library : ?
(a) books (b) helmet (c) song (d) table

Q.16. From the option figures given below, select the figure in which the question figure is hidden/embedded. (Rotation is not allowed)



(a)  (b) 
(c)  (d) 

Q.17. If P + Q means P is the brother of Q, P × Q means P is the mother of Q, P ÷ Q means P is the father of Q and P - Q means P is the sister of Q . If A × B ÷ C - D + E - F, So how is E related to A ?
(a) daughter (b) sister
(c) son's daughter (d) mother

Q.18. Which two signs in the given

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options should be interchanged to make the following equation correct ?
18 + 2 ÷ 6 - 8 × 24 = 22
(a) + and ÷ (b) × and ÷
(c) × and + (d) × and -

Q.19. Five friends P, B, C, G and H are sitting around a circular table facing the centre. H sits immediate right of C. B sits third to the left of H. P is not the nearest neighbour of C. Who is sitting immediate right of G ?
(a) H (b) C (c) B (d) P

Q.20. Which of the following group of letters when arranged sequentially from left to right will complete the below series ?
defghd_fghd_fghdef_hdefgh_efgh
(a) fdgh (b) efgh (c) eegd (d) eged

General Awareness

Q.21. Which of the following sports is played by Indian player Sandeep Kumar ?
(a) Archery (b) Boxing
(c) Wrestling (d) Cricket

Q.22. _____ , originating from Kerala in Southern India, derives its name from Mohini, a mythological enchantress.
(a) Manipuri Dance (b) Bihu Dance
(c) Mohiniyattam (d) Bharatanatyam

Q.23. Which of the following festivals is celebrated by the Khamtis tribe of Arunachal Pradesh
(a) Mopin (b) Sangken
(c) Reh (d) Tam ladu

Q.24. Which Indian has been recognized in the annual "Great Immigrants" list of the Carnegie Corporation of New York in June 2023 ?
(a) Sam Pitroda (b) Salman Rushdie
(c) Ajay Banga (d) Vikram Doraiswami

Q.25. According to the Ministry of Commerce and Industry, during the financial year April 2022 – January 2023, agricultural exports stood at US$ _____ billion.
(a) 43.37 (b) 13.37 (c) 33.37 (d) 23.37

Q.26. In which year did Abhinav Bindra create history by becoming the first Indian to win an individual gold medal in the 10m air rifle event at the Olympic Games ?
(a) 2005 (b) 2000 (c) 2008 (d) 2010

Q.27. In October 2023, who has been appointed as the Executive Director of the Reserve Bank of India ?
(a) Muneesh Kapur
(b) Mridul Kumar Saggar
(c) Janak Raj
(d) Rabi N. Mishra

Q.28. The unemployment rate is calculated as the ratio of _____ .
(a) Unemployed workers and labour force
(b) Employed workers and labour force
(c) Total population and labour force
(d) Total population and unemployed workers

Q.29. The Attorney-General of India holds office during the pleasure of the _____ .
(a) President of India
(b) Chief Justice of India
(c) Prime Minister
(d) Law Minister of India

Q.30. On April 8, 1929, Bhagat Singh and B.K. Dutt threw a bomb in the _____. As stated in their leaflet, the purpose of the incident was not to kill but to "make the deaf hear."
(a) Central Executive Assembly
(b) Central Legislative Assembly
(c) State Legislative Assembly
(d) Central Legislative Council

Q.31. As of November 2023, how many fundamental duties are there in the Constitution of India ?
(a) 9 (b) 8 (c) 10 (d) 11

Q.32. Durand Cup is related to which sport ?
(a) Cricket (b) Badminton
(c) Hockey (d) Football

Q.33. Which of the following state government launched Griha Lakshmi Yojana 2023 ?
(a) Telangana (b) Tamil Nadu
(c) Kerala (d) Haryana

Q.34. Read the following statements related to Revenue Receipts.
A. Revenue receipts are those receipts which cannot be claimed from the government.
B. Revenue receipts are divided into tax and non-tax revenue.
Identify the correct statement(s).
(a) Both A and B (b) Only A
(c) Neither A nor B (d) Only B

Q.35. Mendeleev's periodic table was changed, and _____ was accepted as the basis of the modern periodic table
(a) atomic mass (b) similar properties
(c) atomic number (d) molar mass

Q.36. Varahamihira's work Panchasiddhantika deals with _____ astronomical systems.
(a) three (b) two (c) four (d) five

Q.37. What is the position of India among the countries of the world in terms of area ?
(a) 6th (b) 7th (c) 5th (d) 8th

Q.38. Shiv Kumar Sharma's name is famous for the Indian classical musical instrument, _____ .
(a) Shehnai (b) Sitar
(c) Tabla (d) Santoor

Q.39. In which year did the father of Green Revolution in India die ?
(a) 1993 (b) 2013
(c) 2023 (d) 2003

Q.40. The folk dance 'Jatra' originated from which of the following states ?
(a) Punjab (b) Tamil Nadu
(c) West Bengal (d) Haryana

Quantitative Aptitude

Q.41. Find the value of 750 - 350 ÷ 7 + 43 × 5 ?
(a) 812 (b) 795 (c) 935 (d) 915

Q.42. The least common multiple of three different numbers is 120. Which of the following cannot be the greatest common factor of those numbers ?
(a) 40 (b) 20 (c) 16 (d) 15

Q.43. If the cost price of an item is $\frac{5}{8}$ of its selling price, then what is the profit percentage ?
(a) 45 percent (b) 75 percent
(c) 60 percent (d) 30 percent

Q.44. A man covers half of a certain distance at a speed of 45 km/hr. He covers 40 percent of the remaining distance at a speed of 8 km/hr and finally covers the remaining distance at a speed of 24 km/hr. What is his average speed during the whole journey ?
(a) $\frac{128}{7}$ km/hr (b) $\frac{156}{7}$ km/hr
(c) $\frac{164}{7}$ km/hr (d) $\frac{144}{7}$ km/hr

Q.45. C alone can complete a work in 50 days and D alone can complete the same work in half the time taken by C. In how many days both of them together can complete $\frac{3}{10}$th of the total work ?
(a) 6.5 days (b) 5 days
(c) 6 days (d) 4 days

Q.46. The average of 25 numbers is 150.

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By adding another number to this, the new average becomes 160. What is that new number ?
(a) 420 (b) 415 (c) 410 (d) 400

Q.47. Rs 7400 is divided among A, B and C in the ratio 9 : 12 : 16 respectively. What is the share of B ?
(a) Rs. 2600 (b) Rs. 1800
(c) Rs. 2400 (d) Rs. 9200

Q.48. The average of 28 observations is 53. The average of the first 11 observations is 54. The average of the last 18 observations is 52.5. What is the value of the 11th observation ?
(a) 55 (b) 59 (c) 57 (d) 63

Q.49. Find the single discount equivalent to two successive discounts of 15% and 10%.
(a) 22.5% (b) 23.5% (c) 21.8% (d) 24.5%

Q.50. The ratio of two numbers is 3 : 5. If their product is 3375, then what is the sum of the two numbers ?
(a) 90 (b) 120 (c) 135 (d) 75

Q.51. Mohan and Rohan did a work for Rs.3300. Mohan alone can complete that work in 10 days and Rohan alone can complete the same work in 12 days. If both of them work together, What will be the difference between the amounts they receive ?
(a) Rs. 300 (b) Rs. 400
(c) Rs. 370 (d) Rs. 350

Q.52. A sum of money at simple interest becomes Rs 1320 in 2 years and Rs 1380 in 3 years. What is the annual interest rate ?
(a) 4 Percent (b) 5 Percent
(c) 8 Percent (d) 10 Percent

Q.53. Find the least common multiple of 18, 24 and 36.
(a) 36 (b) 72 (c) 24 (d) 64

Q.54. A trader marks his goods 40 percent above the cost price. He allows some discount on it and makes a profit of 10 per cent. What is the discount percentage ?
(a) 20 Percent (b) 14.28 Percent
(c) 25 Percent (d) 21.42 Percent

Q.55. The marked price and selling price of an article are Rs 2450 and Rs 1960 respectively. What is the discount percentage on the item ?
(a) 25 Percent (b) 24 Percent
(c) 20 Percent (d) 15 Percent

Q.56. The height of a cone is 24 cm and the radius of its base is 10.5 cm. What is the volume of the cone ?
(a) 2772 cm^3 (b) 2546 cm^3
(c) 2984 cm^3 (d) 2398 cm^3

Q.57. If A1 is 19 times more than A2, then by what percent is A2 less than A1 ?
(a) 105 Percent (b) 100 Percent
(c) 95 Percent (d) 85 Percent

Q.58. If the greatest common factor of two numbers is 47 and their sum is 188 then find those two numbers.
(a) 47 and 51 (b) 215 and 211
(c) 47 and 141 (d) 141 and 138

Q.59. A principal sum is loaned at a fixed rate of compound interest (compounded annually).The amount is Rs 1150 at the end of 1 year and Rs 1322.5 at the end of 2 years. How much is the principal ?
(a) Rs. 1450 (b) Rs. 1000
(c) Rs. 1600 (d) Rs. 1750

Q.60. L's income is 30 percent more than M's income and M's income is 20 percent more than N's income. N's income is what percent (approximately) less than L's income ?
(a) 39 Percent (b) 32 Percent
(c) 36 Percent (d) 44 Percent

English

Q.61. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no error. if there is no error in the sentence.
Before the meeting/ began, he will have already/ left for his lunch break.
(a) began, he will have already
(b) left for his lunch break.
(c) no error
(d) Before the meeting

Q.62. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
The driver cracked his whip and called to his horses, (and off they swept on their way) to Bukovina.
(a) No correction required
(b) and off they swept on there way
(c) and of they swept on their way
(d) and off they sweep on their way

Q.63. Choose the word that means the same as the given word
Fatigued
(a) Jaded (b) Beguiled
(c) Activated (d) Unwearied

Q.64. Choose the most appropriate antonym of the underlined word.
The speech came to an abrupt end when, losing her balance, she fell to the ground and lay there in drunken **contentment** .
(a) Complacency (b) Discomfort
(c) Pleasure (d) Gratification

Q.65. Find the part of the given sentence that has an error in it. If there is no error, choose "No error
Sham is trying to study hardest for his upcoming exams.
(a) his upcoming exams
(b) Sham is trying
(c) No error
(d) to study hardest for

Q.66. Select the most appropriate antonym of the given word.
Maleficent
(a) Delightful (b) Bad
(c) Obedient (d) Thorough

Q.67. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
An ant can carry up to 50 times it's body weight.
(a) time it's (b) No improvement
(c) times its' (d) times its

Q.68. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/ words.
(a) Rosemary dozed for three hours and then lay awake, suspended in the moonshine.
(b) His hat was laying on the floor-an old black slouch with the top caved in, like a lid.
(c) His face was repulsive in the quickening light.
(d) His hair was long and tangled and gressy, and hung down, and you could see his eyes shinning.

Q.69. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The monkey hung from the tree by its tail.
(a) by it's tailed (b) by it's tail
(c) by its tails (d) No improvement

Q.70. Select the most appropriate word to fill in the blank.
Religion _____ is matter of indifference to many of today's youth
(a) a (b) an (c) the (d) No article

Q.71. Choose the idiom/phrase that can

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substitute the highlighted group of words meaningfully.
The look in his eyes **shocks and scares me a lot.**
(a) Sixth sense
(b) Sugar rush
(c) In seventh heaven
(d) Makes one's blood run cold

Q.72. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
On the ball
(a) To be very excited or joyful
(b) Alert and aware about something
(c) On the contrary
(d) On a new journey

Q.73. Choose the word that is opposite in meaning to the given word.
Appoint
(a) Avail (b) Declare
(c) Dismiss (d) Instate

Q.74. Find the part of the given sentence that has an error in If there is no error, choose "No error'.
She works hardly to pay his younger sister's school fee.
(a) No error
(b) She works hardly
(c) to pay his younger
(d) sister's school fee.

Q.75. Select the sentence with no spelling error
(a) Don't feel guilty for feeling disengaged from the news.
(b) Don't feel guiltty for feeling disengaged from the news.
(c) Don't feel guilty for feeling disengaged from the news.
(d) Don't feel guilty for feling disengaged from the news.

Cloze Test :
Direction :- [Q.76. to Q.80.]
Climate change is a pressing global issue that demands immediate attention and action. The (76. seriousness) _____of this problem can no longer be denied, as we witness more frequent and severe weather events. It is crucial to (77.discuss)_____the causes of climate change, which primarily result from human activities such as the burning of fossil fuels, deforestation, and industrial processes. To combat climate change, we must reduce our carbon (78.impression) _____ by transitioning to renewable energy sources, conserving forests, and adopting sustainable practices in (79. whole)_____the sectors of the economy. Additionally, individual actions, such as reducing energy consumption and supporting environmentally - friendly policies, play a vital role in addressing this global crisis. As the consequences of climate change become more evident, it is imperative that we (80. joint efforts) _____as a society to protect our planet for future generations

Q.76. (a) amenity (b) complexity
(c) absurdity (d) gravity

Q.77. (a) overlook (b) evade
(c) elaborate (d) address

Q.78. (a) footprint (b) steps
(c) emission (d) di-oxide

Q.79. (a) every (b) some (c) any (d) all

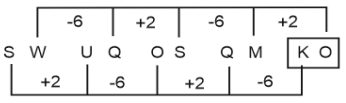
Q.80. (a) colonize (b) congregate
(c) commemorate (d) collaborate

Answer Key :-

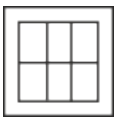
1.(d)	2.(a)	3.(d)	4.(c)
5.(b)	6.(a)	7.(b)	8.(c)
9.(b)	10.(a)	11.(d)	12.(d)
13.(c)	14.(c)	15.(a)	16.(b)
17.(c)	18.(c)	19.(b)	20.(c)
21.(a)	22.(c)	23.(b)	24.(c)
25.(a)	26.(c)	27.(a)	28.(a)
29.(a)	30.(b)	31.(d)	32.(d)
33.(a)	34.(a)	35.(c)	36.(d)
37.(b)	38.(d)	39.(c)	40.(c)
41.(d)	42.(c)	43.(c)	44.(d)
45.(b)	46.(c)	47.(c)	48.(a)
49.(b)	50.(b)	51.(a)	52.(b)
53.(b)	54.(d)	55.(c)	56.(a)
57.(c)	58.(c)	59.(b)	60.(c)
61.(a)	62.(a)	63.(a)	64.(b)
65.(d)	66.(c)	67.(d)	68.(d)
69.(d)	70.(a)	71.(d)	72.(b)
73.(c)	74.(b)	75.(a)	76.(d)
77.(d)	78.(a)	79.(d)	80.(d)

Solutions :-

Sol.1.(d)



Sol.2.(a)

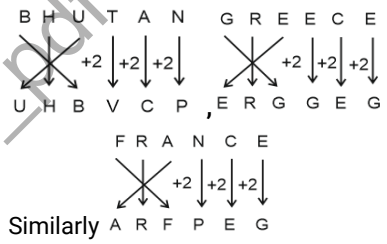


Sol.3.(d) Interchanging R, S, and T with +, + and ÷ respectively
100 R 50 S 18 T 9 = 152
⇒ 100 + 50 + 18 ÷ 9 = 152
84 R 30 S 80 T 4 = 134
⇒ 84 + 30 + 80 ÷ 4 = 134
Similarly
75 R 125 S 200 T 40
⇒ 75 + 125 + 200 ÷ 40 = 205

Sol.4.(c)

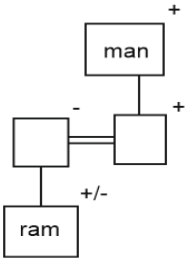


Sol.5.(b)



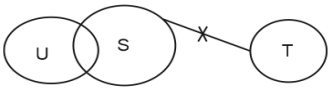
Similarly

Sol.6.(a)



As we can see, that man is the father's father of ram.

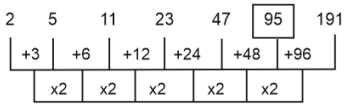
Sol.7.(b)



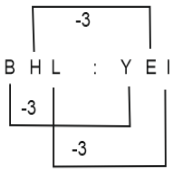
As we can see, only conclusion I follows.

Sol.8.(c) The correct order is:
PICK(3) → PING(2) → PINK(1) → PULL(4) → PUSH(5)

Sol.9.(b)

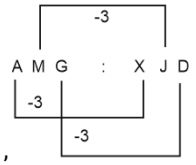


Sol.10.(a)



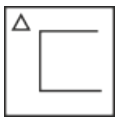
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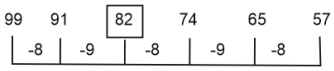


Similarly ,

Sol.11.(d)



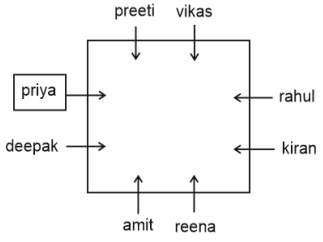
Sol.12.(d)



Sol.13.(c)

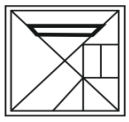


Sol.14.(c)

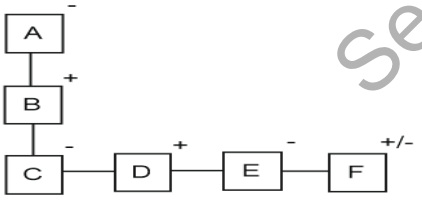


Sol.15.(a) As flower is found in garden, in the same way books are found in library.

Sol.16.(b)



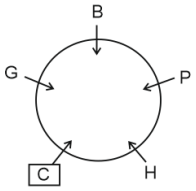
Sol.17.(c)



As we can see, E is the son's daughter of A.

Sol.18.(c) Given: 18 + 2 ÷ 6 - 8 × 24 = 22
From all the options, on interchanging × with +, given equation satisfies, therefore
⇒ 18 × 2 ÷ 6 - 8 + 24 = 22
⇒ 6 - 8 + 24 = 22
⇒ 22 = 22 ⇒ LHS = RHS

Sol.19.(b)



Sol.20.(c) defgh / d**e**fgh / d**e**fgh / def**g**h / defgh / **d**efgh

Sol.21.(a) Archery. Famous Indian archers: Pravin Jadhav, Atanu Das, Tarundeep Rai, Bombayla Devi Laishram, Dola Banerjee, Deepika Kumari, Jayanta Talukdar, etc.

Sol.22.(c) Mohiniattam is characterized by its graceful and flowing movements, and is often performed to tell stories from Hindu mythology. Famous exponents : Kalamandalam Kalyanikutty Amma, Thankamony, Krishna Panicker and Mukundraja, Sunanda Nair, Smitha Rajan, etc. Bharatanatyam, a classical dance from Tamil Nadu, highlights emotion, music, rhythm, and intricate movements. It often tells stories from Hindu mythology through expressive hand gestures and footwork.

Sol.23.(b) Sangken is a socio-religious festival celebrated by the Khamti and Singpho tribes, who follow the Theravada Buddhist sect. It marks the advent of spring and is observed annually in April (Naun-Haa) according to the Khamti calendar. Mopin is an agricultural festival widely celebrated by the Galo tribes of Arunachal Pradesh, while Reh is widely observed by the Idu tribes of the same region.

Sol.24.(c) Ajay Banga, an Indian - American business leader, has been appointed as the President of the World Bank (Headquarters- Washington, D.C) for a five-year term. He is the first Indian-born nominee to hold this role.

Sol.25.(a) 43.37. During the financial year (Apr. 2022 – January 2023), registering an increase of 6.04% over the exports of USD 40.90 billion during the corresponding period of the previous financial year i.e. April 2021 to January 2022. During the financial year 2021-22, India's agricultural export touched the highest ever level of USD 50.21 billion.

Sol.26.(c) 2008. Indian shooters (Medal Achievements) in Olympics- Rajyavardhan Singh Rathore : Silver (Athens 2004). Gagan Narang : Bronze (London 2012). Vijay Kumar : Silver (London 2012). Manu Bhaker : Bronze (Paris 2024). Swapnil Kusale : Bronze (Paris 2024).

Sol.27.(a) Muneesh Kapur. The Reserve Bank of India (RBI) is India's central bank and regulatory body responsible for regulating the Indian banking system. It is owned by the Ministry of Finance, Government of India. The RBI's headquarters are in Mumbai. It was established on April 1, 1935. As of August 2024, the Governor is Shaktikanta Das.

Sol.28.(a) Unemployed workers and labour force. The unemployment rate is calculated by expressing the number of unemployed persons as a percentage of the total number of persons in the labor force. It is defined as the number of unemployed persons per 1,000 persons in the labor force.

Unemployment Rate = $\frac{Number\ of\ Unemployed\ People}{Total\ Number\ in\ the\ labour\ force} \times 100$

Sol.29.(a) President of India. The Attorney General (AG) of India is a part of the Union Executive and is the highest law officer in the country. Article 76 of the Indian Constitution provides for the office of the Attorney General. The AG is appointed by the President and holds office at the President's pleasure, meaning the President can remove the AG at any time.

Sol.30.(b) Central Legislative Assembly. Bhagat Singh and B.K. Dutt was a member of the Hindustan Socialist Republican Association (Founded in 1928). They threw a bomb while shouting 'Inquilab Zindabad' against the passage of the Public Safety Bill and the Trade Disputes Bill which would reduce the civil liberties of citizens. They didn't want to kill anyone, but to spread ideas of revolution and inspire Indians to fight British imperialism. Lawyer Asaf Ali represented B.K. Dutt during the trial.

Sol.31.(d) 11. The idea of Fundamental Duties borrowed from the Constitution of the Soviet Union. Part IV-A (Article 51A) of the Constitution contains provision with respect to Fundamental Duties. These were incorporated by the 42nd Constitutional Amendment Act, 1976 on the recommendations of Swaran Singh Committee. Originally it contained 10 duties, later on the 86th constitutional amendments act added 11th duties in Article 51A(k).

Sol.32.(d) Football. Durand Cup is Asia's oldest and the world's third oldest football tournament. It was started at Shimla in 1888 by Sir Henry Mortimer Durand. Other trophy related to Football : Santosh Trophy, Subroto Mukherjee Cup, Vittal Trophy, Kalinga Cup, Scissor Cup, etc.

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Sol.33.(a) Telangana. The Gruha Lakshmi Yojana provides financial assistance of Rs. 3 lakh to women belonging to weaker sections of society in three installments to build their homes. Other State Government Schemes : Aarogya Lakshmi scheme and Mission Bhagiratha- Telangana. Bhavantar Bhugtan yojana and Deen dayal mobile health clinic- Madhya Pradesh.

Sol.34.(a) Both A and B. Revenue receipts are the funds received by the government that neither create liabilities nor result in a reduction of government or public assets. These receipts are regular, recurring, and arise from the government's normal course of operations. Capital receipts, on the other hand, are the receipts of the government that either create liability or cause a reduction in the assets of the government, e.g., borrowings, recovery of loans, and disinvestments.

Sol.35.(c) atomic number. Mendeleev was responsible for publishing the Periodic Law for the first time. It states, "The properties of the elements are a periodic function of their atomic weights". In 1913, Henry Moseley observed regularities in the characteristic X-ray spectra of the elements. He showed that the atomic number is a more fundamental property of an element than its atomic mass. Mendeleev's Periodic Law was therefore modified. This is known as the Modern Periodic Law and can be stated as : "The physical and chemical properties of the elements are periodic functions of their atomic numbers".

Sol.36.(d) five. Varahamihira was an Indian philosopher, astronomer, and mathematician who served in the court of Chandragupta II. He was born in Ujjain. Varahamihira is famous for his works, including Brihat Jataka, Brihat Samhita, and Pancha-Siddhantika.

Sol.37.(b) 7th. Top 10 countries in terms of area (Decreasing order) : Russia, Canada, USA, China, Brazil, Australia, India, Argentina, Kazakhstan, and Algeria.

Sol.38.(d) Santoor. Shiv Kumar Sharma was awarded the Sangeet Natak Akademi Award (in 1986), Padma Shri (in 1991) and the Padma Vibhushan (in 2001). Other Santoor players : Rahul Sharma, Tarun Bhattacharya, Ulhas Bapat, Satish Vyas, etc.

Sol.39.(c) 2023. MS Swaminathan was born in 1925 in Kumbakonam, Tamil Nadu. He was instrumental in his pivotal role in the Green Revolution in India during the 1960s and 1970s. In 1987, he was awarded the World Food Prize. Other awards: Padma Shri in 1967, Padma Bhushan in 1972, Padma Vibhushan in 1989 and Bharat Ratna in 2024.

Sol.40.(c) West Bengal. Jatra, a traditional folk theatre form, is renowned for its energetic performances that blend music, dance, and dramatic storytelling, often based on Hindu mythology, folklore, and historical events. Other folk dances of West Bengal : Chhau Dance, Kirtan Dance, Baul Dance, Dhali Dance, Gambhira Dance, Tushu Dance, Mundari dance, Rabha Dances , etc.

Sol.41.(d) 750 - 350 ÷ 7 + 43 × 5
= 750 - 50 + 215 = 915

Sol.42.(c) Checking all the options one by one, we get 16 is the only number which does not divide the given no.
So, 16 can't be the greatest common factor of 120.

Sol.43.(c) CP : SP = 5 : 8
Profit% = $\frac{8-5}{5} \times 100 = \frac{300}{5}$ = 60%

Sol.44.(d) Let the distance be 720 km i.e.(LCM of 45, 8,24)
Time taken to travel $\frac{1}{2}$ of the distance
= $\frac{360}{45}$ = 8 hrs
Remaining distance = 360 × 40%
= 144 km
Time taken to travel 144 km distance
= $\frac{144}{8}$ = 18 hrs
Remaining distance = 720 - (360 + 144)
= 216 km
Time taken to travel 216 km distance
= $\frac{216}{24}$ = 9 hrs
So, Average speed = $\frac{720}{8+18+9} = \frac{720}{35}$
= $\frac{144}{7}$ km/hr

Sol.45.(b)

	C		D
Time	2	:	1
Efficiency	1	:	2

Total work = 1 × 50 = 50 unit
Time taken by (C + D) to complete $\frac{3}{10}$th of the total work = $\frac{\frac{3}{10} \times 50}{1+2} = \frac{15}{3}$
= 5 days

Sol.46.(c) New number
= 150 + (160 - 150) × 26
= 150 + 260 = 410

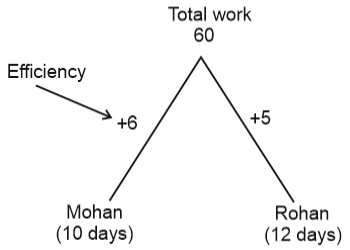
Sol.47.(c) Share of B
= $\frac{12}{9+12+16} \times 7400$
= $\frac{12}{37} \times 7400$ = ₹2400

Sol.48.(a) Net deviation in the average of first 11 and last 18 observations
= +1 × 11 - 0.5 × 18 = 11 - 9 = +2
So, 11th observation = 53 + 2 = 55

Sol.49.(b) Net discount%
= (15 + 10 - $\frac{15 \times 10}{100}$)%
= (25 - 1.5)% = 23.5%

Sol.50.(b)
Let the two numbers be $3x$ and $5x$
ATQ,
$3x \times 5x = 3375 \Rightarrow 15x^2 = 3375$
$x^2 = 225 \Rightarrow x = 15$
Then, sum of the two numbers = $3x + 5x$
= $8x$ = 8 × 15 = 120

Sol.51.(a)



As, we know ,wages ∝ efficiency (if they together work until the whole work is completed)
ATQ, 6 + 5 = 11 unit ---------- ₹3300
Then, 6 - 5 = 1 unit ---------- $\frac{3300}{11}$ = ₹300
So, the required amount they received
= ₹300

Sol.52.(b) SI for 1 yr = 1380 - 1320 = ₹60
Then, SI for 2 yrs = 60 × 2 = ₹120
Principal amount = 1320 - 120 = ₹1200
Rate% = $\frac{60}{1200} \times 100$ = 5%

Sol.53.(b)
Prime factorization of given numbers :
$18 = 2 \times 3^2$
$24 = 2^3 \times 3$
$36 = 3^2 \times 2^2$
LCM of (18,24,36) = $2^3 \times 3^2$ = 72

Sol.54.(d) Let CP and MP of goods be ₹100 and ₹140 respectively
SP of goods = 100 × 110% = ₹110
Discount%= $\frac{140-110}{140} \times 100 = \frac{300}{14}$

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= 21.42%

Sol.55.(c) MP : SP = 2450 : 1960 = 5 : 4

Discount% = $\frac{5-4}{5}$ × 100 = $\frac{100}{5}$ = 20%

Sol.56.(a) Volume of a cone

= $\frac{1}{3}$ × $\frac{22}{7}$ × 10.5 × 10.5 × 24 = 2772 cm^3

Sol.57.(c) A1 : A2 = 20 : 1

Required% = $\frac{20-1}{20}$ × 100 = 95%

Sol.58.(c) Let the numbers be $47x$ and $47y$ respectively where (x,y are co - primes)

ATQ,

$47x + 47y$ = 188

$47(x + y)$ = 188 ⇒ $x + y$ = 4

The only possible pairs = (1,3)

so, two no's are ; 47 × 1 = 47 and 47 × 3 = 141

Sol.59.(b)

CI for 1 yr = 1322.5 - 1150 = ₹172.5

Rate% = $\frac{172.5}{1150}$ × 100 = 15%

ATQ, P × $\frac{23}{20}$ = 1150

(principal)P = 1150 × $\frac{20}{23}$ = ₹1000

Sol.60.(c) Balancing the given ratio, we have ;

L		M		N
13	:	10	:	**10**
6	:	6	:	5
78	:	60	:	50

= 39 : 30 : 25

Required % = $\frac{39-25}{39}$ × 100 = $\frac{1400}{39}$

≈ 36%

Sol.61.(a) began, he will have already

'Began' must be replaced with 'begins'. Simple present tense is used to denote the time before which an action that will have happened in the future. Hence, 'begins, he will have already' is the most appropriate answer.

Sol.62.(a) No correction required

The given sentence is grammatically correct.

Sol.63.(a) Jaded - tired or bored.
Fatigued - extremely tired.
Beguiled - charmed or tricked into doing something.
Activated - turned on or started up.
Unwearied - not tired.

Sol.64.(b) Discomfort - A feeling of being uneasy or in slight pain.
Contentment - A state of being happy and satisfied.
Complacency - A feeling of self-satisfaction.
Pleasure - a feeling of happiness.
Gratification - a feeling of satisfaction that comes from achieving something.

Sol.65.(d) to study hardest for

'Hardest' must be replaced with 'hard' as there is no comparison with any other person. Hence, 'to study hard for' is the most appropriate answer.

Sol.66.(c) Obedient - willing to follow rules or instructions.
Maleficent - intentionally causing harm or evil.
Delightful - bringing pleasure or joy.
Thorough - complete and detailed in every aspect.

Sol.67.(d) times its

'Its' is used to show something belonging to someone. Hence, 'times its' is the most appropriate answer.

Sol.68.(d) His hair was long and tangled and gressy, and hung down, and you could see his eyes shinning.

'Greasy' and 'shining' are the correct spellings.

Sol.69.(d) No improvement

The given sentence is grammatically correct.

Sol.70.(a) a

Indefinite article 'a/an' is used for something non-specific. Article 'a' will be used here as the word 'matter' begins with a consonant sound. Hence, 'a' is the most appropriate answer.

Sol.71.(d) Makes one's blood run cold - shocks and scares me a lot.

Sol.72.(b) On the ball - alert and aware about something.
E.g. - The new manager is really on the ball. He quickly spots issues and addresses them before they become problems.

Sol.73.(c) Dismiss - to remove from a position.
Appoint - to assign someone to a position or role.
Avail - to make use of something.
Instate - to formally put someone into a position or role.

Sol.74.(b) She works hardly

'Hardly' must be replaced with 'hard' to make the sentence meaningful. Hence, 'She works hard' is the most appropriate answer.

Sol.75.(a) Don't feel guilty for feeling disengaged from the news.

'Guilty', 'feeling' and 'disengaged' are the correct spellings.

Sol.76.(d) gravity

'Gravity' means the importance or seriousness. The given passage states that the gravity of this problem can no longer be denied. Hence, 'gravity' is the most appropriate answer.

Sol.77.(d) address

'Address' means to deal with a matter or problem. The given sentence states that it is crucial to address the causes of climate change. Hence, 'address' is the most appropriate answer.

Sol.78.(a) footprint

'Carbon footprint' is the total amount of greenhouse gases that are generated by our actions. The given passage states that we must reduce our carbon footprint. Hence, 'footprint' is the most appropriate answer.

Sol.79.(d) all

The given passage states that we must reduce our carbon footprint by transitioning to renewable energy sources, conserving forests, and adopting sustainable practices in all the sectors of the economy.

Sol.80.(d) collaborate

'Collaborate' means to work jointly on an activity or a project. The given passage states that it is imperative that we collaborate as a society to protect our planet for future generations. Hence, 'collaborate' is the most appropriate answer.

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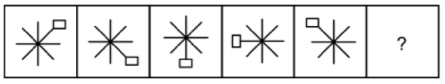
Reasoning

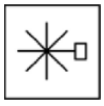
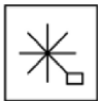
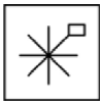
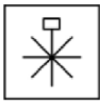
Q.1. Six friends Adam, Beth, Carl, Diana, Eric, and Fiona are sitting around a circular table facing the center. Beth sits to the immediate right of Carl. Adam is second to the right of Beth. Fiona and Adam are neighbours. Diana is not sitting next to Eric or Fiona. Who is sitting to the immediate right of Eric ?
(a) Carl (b) Beth (c) Adam (d) Fiona

Q.2. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
PQRT, STUW, VWXZ, YZAC, ?
(a) BMTD (b) BCDF (c) BRQC (d) AMRQ

Q.3. Which of the following numbers will replace the question mark (?) in the given series ?
62, 67, 74, 83, 94, 107, ?
(a) 121 (b) 120 (c) 112 (d) 122

Q.4. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

Q.5. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion (s) logically follows the given statements.
Statements :
I. No land is cup.
II. Some spoon are land
Conclusions :
I. All cup are land.
II. All cup are spoon.
III. Some cup are not land.
(a) Only conclusion II follows
(b) Neither conclusion follows
(c) Both conclusions I and III follows
(d) Only conclusion III follows

Q.6. Which of the following letter clusters will replace the blank(___) in the given series ?
IAL, JAK, KAJ, LAI,_____
(a) JAM (b) HAM (c) MAJ (d) MAH

Q.7. Which two numbers should be interchanged to make the given equation correct ?
36 × 11÷ 3 - 10 + 4 = 49
(a) 10 and 4 (b) 4 and 11
(c) 49 and 36 (d) 11 and 3

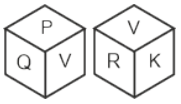
Q.8. In a certain code language, if TOGETHER is coded as 'RPEFRICS', TOMORROW is coded as 'RPKPPSMX', then what will 'BATHROOM' be coded as?
(a) WLEPSJAS (b) NMPPIRBZ
(c) RHSPLRWM (d) ZBRIPPMN

Q.9. In the following question, select the missing number from the given series.
5, 19, 75, 299, 1195, ?
(a) 4750 (b) 4785 (c) 4779 (d) 4781

Q.10. In the following question, select the related letter pair from the given alternatives.
DHKL : CGJK : : ?
(a) NUWX : RUCN (b) ZUZY : ABOD
(c) FXYI : EWXH (d) TXZW : RULM

Q.11. By interchanging the given two signs which of the following equation will be correct ?
× and ÷
(a) 9 × 3 - 4 ÷ 2 + 5 = 4
(b) 11 ÷ 12 × 6 + 8 - 10= 20
(c) 5 + 6 × 2 - 4 ÷ 1 = 10
(d) 70 ÷ 3 × 7+ 50 - 10 = 80

Q.12. Two positions of a dice are given below. What will come on the face opposite to the face containing 'K' on it ?



(a) P (b) Q (c) V (d) R

Q.13. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.

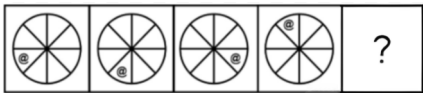


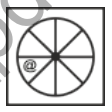
(a) 
(b) 
(c) 
(d) 

Q.14. In a certain code language, 'MUSCLE' is coded as 'NTTBMD'. What is the code for 'PLANET' in that code language ?
(a) QKBMGS (b) QKBMFS
(c) QLBMGS (d) QLCMGS

Q.15. Arrange the given words in the sequence in which they occur in the dictionary.
1. Consume 2. Consumer 3. Consult
4. Contact 5. Contain
(a) 3, 1, 2, 5, 4 (b) 3, 1, 2, 4, 5
(c) 1, 2, 4, 5, 3 (d)1, 2, 3, 5, 4

Q.16. Select the figure that will replace the question mark (?) in the following figure series.

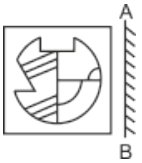


(a) 
(b) 
(c) 
(d) 

Q.17. Six friends Aarav, Bhavya, Charul, Devansh, Ekta, and Faizan are seated at a circular table facing each other. Bhavya is to the immediate left of Faizan, and Aarav is second to the left of Bhavya. Charul is second to the left of Devansh. Who is the immediate neighbour of both Bhavya and Aarav ?
(a) Devansh (b) Aarav
(c) Faizan (d) Bhavya

Q.18. Pointing towards a photo of a man, Rakhi said, "He is the father of my grandfather's son". How is the man related to Rakhi ?
(a) Grandfather (b) Father
(c) Husband (d) Brother

Q.19. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure ?



(a) 
(b) 
(c) 
(d) 

Q.20. In the following question, select the related letters from the given alternatives.

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HXP : CSK : : ANT : ?
(a) VIO (b) ZXX (c) DPP (d) PPO

General awareness

Q.21. In which Indian state is Kambala, the traditional buffalo race, conducted during the winter months to celebrate the harvest season ?
(a) Telangana (b) Karnataka
(c) Kerala (d) Tamil Nadu

Q.22. Brahmotsavam festival is historically native to which of the following states ?
(a) Andhra Pradesh (b) Kerala
(c) Karnataka (d) Tamil Nadu

Q.23. In which month, Women's Reservation Bill 2023 [The Constitution (One Hundred Twenty-Eighth Amendment) Bill, 2023] was introduced in Lok Sabha in 2023 ?
(a) May (b) September (c) March (d) July

Q.24. Who wrote the original handwritten version of the Indian Constitution ?
(a) B.N.Rau
(b) Prem Behari Narain Raizada
(c) BR. Ambedkar
(d) Kailash Nath Katju

Q.25. The concept of "judicial review" in India allows the judiciary to review and strike down laws that are found to be:
(a) Passed by the Parliament
(b) In violation of fundamental rights
(c) Supported by a two-thirds majority in the State Legislature
(d) Supported by the President

Q.26. The National Rural Employment Guarantee Act (NREGA) aims to provide a guarantee of how many days of employment per year to rural households in India ?
(a) 100 (b) 50 (c) 1000 (d) 75

Q.27. After the first five-year Plan of India, two subsequent five-year plans were formulated till _____.
(a) 1962 (b) 1963 (c) 1964 (d) 1965

Q.28. In Football a direct _____is awarded if a player commits any of the following offences against an opponent in a manner considered by the referee to be careless, reckless or using excessive force :
(a) head kick (b) court kick
(c) free kick (d) hat trick

Q.29. Sonal Mansingh is mainly associated with which dance style ?
(a) Bharatnatyam and Sattriya
(b) Odissi and Bharatnatyam
(c) Odissi and Kathak
(d) Bharatnatyam and Kathak

Q.30. In India, there are how many steel-manufacturing Central Public Sector Enterprises (CPSEs) under the Ministry of Steel ?
(a) Two (b) Five (c) Four (d) Three

Q.31. Which of the following statements regarding money is correct ?
I. Money supply is a stock variable.
II. The total stock of money in circulation among the public at a particular point of time is called money supply.
(a) Both I and II (b) Only II
(c) Only I (d) Neither I nor II

Q.32. In which year was the first War of Independence taken place in India ?
(a) 1557 (b) 1857 (c) 1757 (d) 1657

Q.33. Into how many ages is the prehistoric times in terms of technology divided ?
(a) Five (b) Six (c) Three (d) Four

Q.34. According to the 2011 Census of India, among the State/UTs, the male and female literacy rate is highest in _____.
(a) Goa (b) Kerala
(c) Mizoram (d) Tamil Nadu

Q.35. Who has been chosen as the national icon to raise awareness about voting and educate voters for the upcoming 2024 elections in India ?
(a) MS Dhoni (b) Amitabh Bachchan
(c) Aamir Khan (d) Sachin Tendulkar

Q.36. Which of the following pair of sports persons - sports associated with is correct ?
I. Manu Bhaker - Shooting
II. Tajinderpal Singh Toor - Shotput
(a) Neither I nor II (b) Only I
(c) Both I and II (d) Only II

Q.37. Renowned violinist-_____trained in Carnatic music as well as Western classical music.
(a) Ravi Shankar
(b) Ustad Zakir Hussain
(c) Ustad Bismillah Khan
(d) Lakshminarayana Subramaniam

Q.38. In August 2023, Former Indian cricketer_____will become a "national icon" of the Election Commission (EC) to spread awareness regarding the need for greater voter participation in the electoral process.
(a) Sachin Tendulkar (b) Sunil Gavaskar
(c) Kapil Dev (d) MS Dhoni

Q.39. Which dance style was kept alive by the Devadasis ?
(a) Odissi (b) Bharatnatyam
(c) Kathakali (d) Kuchipudi

Q.40. Which sport is played by the Indian sportsperson Sania Mirza ?
(a) Table Tennis (b) Lawn Tennis
(c) Hockey (d) Badminton

Quantitative Aptitude

Q.41. The difference between cost price and selling price of a table is Rs. 224. If loss percentage is 40 percent, then what is the selling price ?
(a) Rs.336 (b) Rs.352
(c) Rs.306 (d) Rs.406

Q.42. What is the value of
[21 + 14 - 7 × (91÷ 7 - 12) + 42] ?
(a) 80 (b) 50 (c) 70 (d) 60

Q.43. What is the value of $0.\overline{4} + 0.\overline{2}$?
(a) $\frac{7}{8}$ (b) $\frac{6}{7}$ (c) $\frac{2}{3}$ (d) $\frac{8}{9}$

Q.44. Umesh sells an article and earns a profit of 75 percent. What will be the ratio of cost price and selling price ?
(a) 4 : 7 (b) 8 : 5 (c) 5 : 8 (d) 7 : 4

Q.45. Hiten marks his pen at Rs. 15625 and after allowing a discount of 20 percent, he still earns 25 percent profit. What is the cost price of the pen ?
(a) Rs.10000 (b) Rs.11800
(c) Rs.10500 (d) Rs.12500

Q.46. Y and Z together can complete a work in 20 days. Z alone can complete the same work in 60 days. In how many days will Y alone complete the same work ?
(a) 35 (b) 42 (c) 30 (d) 37

Q.47. If the perimeter of a rhombus is 200 cm and one of its diagonal is 80 cm, then what is the area of the rhombus ?
(a) 2400 cm^2 (b) 1620 cm^2
(c) 2250 cm^2 (d) 1600 cm^2

Q.48. Find the rate of discount when the marked price is ₹2280 and the selling price is ₹ 1482.
(a) 35% (b) 40% (c) 25% (d) 33%

Q.49. What is the average of all the multiples of 13 from 70 to 144 ?
(a) 105 (b) 111.5 (c) 110.5 (d)109

Q.50. Two trains are moving in the same direction at the speed of 34 km/hr and 86 km/hr, their lengths are 300 metres and 480 metres respectively. What will be

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the time taken by faster train to cross the slower train ?
(a) 54 seconds (b) 48 seconds
(c) 60 seconds (d) 36 seconds

Q.51. Chetan alone can do a work in 6 days working 5 hours a day. Rashmi alone can do the same work in 2 days working 10 hours a day. How many hours do they need to work together in a day to complete the same work in 4 days ?
(a) 2.5 hours (b) 5 hours
(c) 4 hours (d) 3 hours

Q.52. What is the value of $\frac{0.25 \times (0.25 \div 0.25)}{(0.25 \times 0.25) \times 0.25}$?
(a) 4 (b) 0.4 (c) 16 (d) 1.6

Q.53. If the ratio of the ages of A and B is 3 : 4 and the sum of their ages is 28, then find the age of B.
(a) 16 years (b) 18 years
(c) 17 years (d) 14 years

Q.54. Find the HCF of 31 and 73.
(a) 3 (b) 1 (c) 7 (d) 11

Q.55. Average of 50 observations was calculated as 23. Three observations 19, 33 and 66 were wrongly taken as 30, 38 and 69. What will be the correct average ?
(a) 19.92 (b) 23.42 (c) 22.62 (d) 21.78

Q.56. The ratio of three numbers is 9 : 8 : 7. If the sum of the three numbers is 480, then what is the largest number among the three numbers ?
(a) 170 (b) 180 (c) 160 (d) 140

Q.57. A certain sum becomes 5 times of itself in 8 years at a rate of simple interest. In 24 years it will become how many times of itself at the same rate of simple interest ?
(a) 11 (b) 13 (c) 12 (d) 10

Q.58. 75% of 1256 is
(a) 756 (b) 942 (c) 876 (d) 848

Q.59. Weight of A1 is six times of A2 and A2's weight is 50 percent more than that of A3. If the average weight of all three is 299 kgs, then what is the weight of A1 ?
(a) 897 kg (b) 1544 kg
(c) 702 kg (d) 979 kg

Q.60. On a sum, simple interest at the annual rate of 10 percent for 7 years is Rs. 21630. What will be the compound interest on the same sum at the annual rate of 20 percent (compounding annually) for 2 years ?
(a) Rs. 12570 (b) Rs. 13596
(c) Rs. 12788 (d) Rs. 13484

English

Q.61. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
She opened her mouth to say something, (but as she does she realizes that she) couldn't find any words to express her surprise.
(a) but when she does she realises that she
(b) but when she didn't she realised that she
(c) but when she did she realized that she
(d) No correction required

Q.62. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To throw cold water on
(a) To elevate someone's plans
(b) To awake someone
(c) To be discouraging or unenthusiastic about something
(d) To make someone see the truth

Q.63. Select the most appropriate word to fill in the blank.
The markets experienced a_____at the news of the sale.
(a) meltdown (b) melt
(c) melting (d) melting down

Q.64. Choose the most appropriate antonym of the underlined word.
Figurative language employs words with meanings not strictly literal, but varying from their ordinary definitions.
(a) descriptive (b) literal
(c) fanciful (d) flowery

Q.65. Select the incorrectly spelt word from the given sentence.
A vivacous and attractive blonde, Mary had no shortage of male admirers.
(a) admirers (b) vivacous
(c) attractive (d) shortage

Q.66. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The pasta is served with a meat sauce.
(a) is serves (b) is serve
(c) are served (d) No improvement

Q.67. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
After I shut the door and started back to the living room, / he yelled something at me, but I couldn't strictly hear him.
(a) No error
(b) he yelled something at me,
(c) but I couldn't strictly hear him.
(d) After I shut the door and started back to the living room,

Q.68. Select the sentence with no spelling errors.
(a) These structures have come to play an importent role.
(b) These structres have come to play an important role.
(c) These structures have come to play an important role.
(d) These strucures have come to play an important role.

Q.69. Choose the word that is opposite in meaning to the given world.
Accessible
(a) Furnished (b) Lacking
(c) Popular (d) Budget

Q.70. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
It's so stressful to think that what you have build with hard work is at risk.
(a) think that what you have build
(b) No error
(c) It's so stressful to
(d) with hard work is at risk.

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Why are you calling her the much amazing woman ?
(a) amazing woman ? (b) No error
(c) Why are you calling (d) her the much

Q.72. Choose the word that means the same as the given word.
Gullibly
(a) Immunity (b) Fraternity
(c) Naïve (d) Critical

Q.73. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
The matter is very serious and delicate. So, I urge you **to behave or speak carefully to avoid causing problem.**
(a) In the dark
(b) Cut corners
(c) To tread carefully
(d) Beat around the bush

Q.74. Select the most appropriate option for the given blank.
They_____ a strike when the party members refused their plea.

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(a) told (b) behold (c) fallen (d) called

Q.75. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Emily has just come homes from school.
(a) No improvement (b) come home
(c) came homely (d) came homes

Cloze Test :
Direction :- [Q.76. to Q.80.]
Government of India stands committed to (76) ____ climate change. The Government is implementing several programmes and (77) ____ including the National Action Plan on Climate Change (NAPCC), which (78) ____ missions in specific areas of solar energy, energy efficiency, water, sustainable agriculture, Himalayan ecosystem, sustainable habitat, health, green India and (79) _____ knowledge for climate change. The NAPCC provides an overarching (80) ___ for all climate actions.

Q.76. (a) replicating (b) marking
(c) combating (d) insinuating

Q.77. (a) tokens (b) themes
(c) schemes (d) subjects

Q.78. (a) comprise (b) comprises
(c) comprised (d) comprising

Q.79. (a) stubborn (b) nostalgic
(c) strategic (d) manipulative

Q.80. (a) pretext (b) Stature
(c) framework (d) sojourn

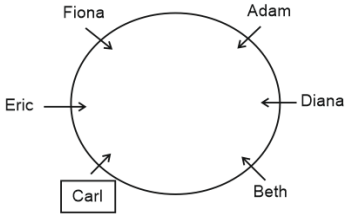
Answer Key :-

1.(a)	2.(b)	3.(d)	4.(c)
5.(d)	6.(d)	7.(b)	8.(d)
9.(c)	10.(c)	11.(b)	12.(b)
13.(c)	14.(b)	15.(b)	16.(a)
17.(a)	18.(a)	19.(a)	20.(a)
21.(b)	22.(a)	23.(b)	24.(b)
25.(b)	26.(a)	27.(d)	28.(c)
29.(b)	30.(a)	31.(a)	32.(b)
33.(c)	34.(b)	35.(d)	36.(c)
37.(d)	38.(a)	39.(b)	40.(b)
41.(a)	42.(c)	43.(c)	44.(a)
45.(a)	46.(c)	47.(a)	48.(a)
49.(c)	50.(a)	51.(d)	52.(c)
53.(a)	54.(b)	55.(c)	56.(b)
57.(b)	58.(b)	59.(c)	60.(b)
61.(c)	62.(c)	63.(a)	64.(b)

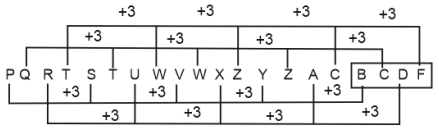
65.(b)	66.(d)	67.(c)	68.(c)
69.(b)	70.(a)	71.(d)	72.(c)
73.(c)	74.(d)	75.(b)	76.(c)
77.(c)	78.(b)	79.(c)	80.(c)

Solutions :-

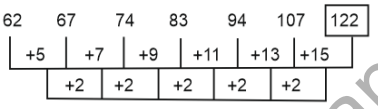
Sol.1.(a)



Sol.2.(b)



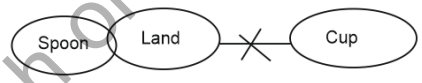
Sol.3.(d)



Sol.4.(c)

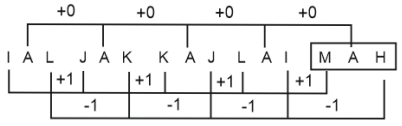


Sol.5.(d)



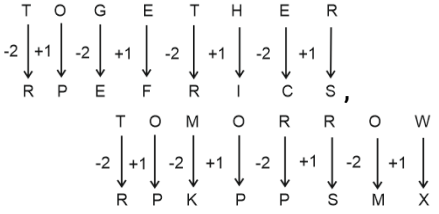
Only conclusion III follows.

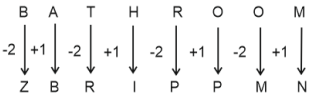
Sol.6.(d)



Sol.7.(b)
Given :- 36 × 11 ÷ 3 - 10 + 4 = 49
After checking all options one by one, option (b) satisfies. After interchanging 4 and 11:
⇒ 36 × 4 ÷ 3 - 10 + 11
⇒ 48 + 1 = 49
⇒ L.H.S. = R.H.S.

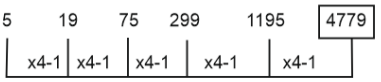
Sol.8.(d)



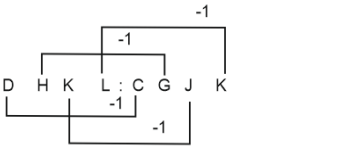


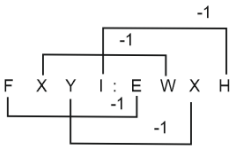
Similarly,

Sol.9.(c)



Sol.10.(c)





Similarly,

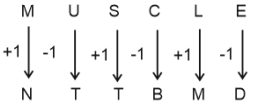
Sol.11.(b)
Given: 11 ÷ 12 × 6 + 8 - 10 = 20
After checking all options one by one, only option (b) satisfies. After interchanging × and ÷ we get
11 ÷ 12 × 6 + 8 - 10 = 20
11 × 12 ÷ 6 + 8 - 10 ⇒ 22 + 8 - 10 = 20
L.H.S. = R.H.S.

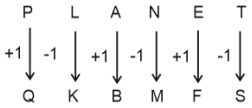
Sol.12.(b) From both the dice the opposite face are , **Q** ↔ K , P ↔ R

Sol.13.(c)



Sol.14.(b)





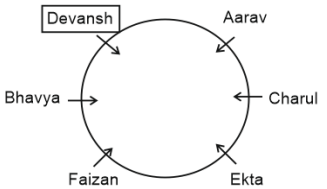
Similarly,

Sol.15.(b) The correct order is :
Consult(3) → Consume(1) → Consumer(2) → Contact(4) → Contain(5)

Sol.16.(a)



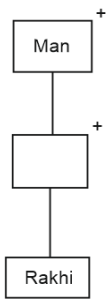
Sol.17.(a)



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Sol.18.(a)

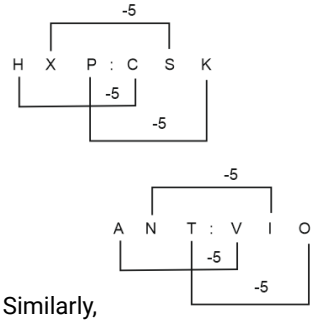


The man is the grandfather of Rakhi.

Sol.19.(a)



Sol.20.(a)



Similarly,

Sol.21.(b) Karnataka. The Kambala festival season starts in November and lasts till March. The festival is dedicated to Lord Kadri Manjunatha, an incarnation of Lord Shiva. Festivals of Karnataka : Ugadi, Hampi Festival, Pattadakal, Mysore Dasara, Karaga festival, Karnataka Rajyotsava.

Sol.22.(a) Andhra Pradesh. Brahmotsavam (Hindu festival) is a significant annual festival celebrated at the Tirumala Temple. Famous Festivals of Andhra Pradesh: Pongal, Vinayaka Chaturthi, Visakha Utsav, Tirupati Tirumala Brahmotsavam, Lumbini Festival, Rayalaseema Food & Dance Festival, Deccan Festival.

Sol.23.(b) September. Reservation to women: The Constitution (One Hundred and Twenty-eighth Amendment) Bill, 2023 to provide 33 percent reservation to women in Lok Sabha and State Legislative Assemblies.

Sol.24.(b) Prem Behari Narain Raizada. He was an Indian calligrapher. B.N. Rau was an Indian jurist, diplomat, and constitutional expert who played a pivotal role in drafting the Indian Constitution. Dr. B.R. Ambedkar was an Indian jurist, social reformer, and principal architect of the Indian Constitution. Kailash Nath Katju was an Indian lawyer and former Chief Minister of Madhya Pradesh.

Sol.25.(b) In violation of fundamental rights. Fundamental Rights - Part III (Article 12 to 35). Judicial review is a process under which a government's executive, legislative, or administrative actions are subject to review by the judiciary. The concept of Judicial Review is taken from the United States of America.

Sol.26.(a) 100. Mahatma Gandhi National Rural Employment Guarantee Act 2005 (MGNREGA) earlier known as the National Rural Employment Guarantee Act or NREGA. Introduced by - Raghuvansh Prasad Singh, the then Minister of Rural Development.

Sol.27.(d) 1965. First Five-Year Plan (1951-1956) - This plan was launched under the leadership of Pandit Jawaharlal Nehru. It was based on the Harrod-Domar model. Second Five-Year Plan (1956 - 1961) - This plan is based on P.C Mahalanobis Model.

Sol.28.(c) free kick. A penalty kick is a term used in soccer, where it refers to a free kick taken from the penalty spot after a foul has been committed inside the penalty area. Important terms of Football: Corner kick, direct free kick, indirect free kick, dribble, goal kick, penalty, hat trick, off side, tripping.

Sol.29.(b) Odissi and Bharatanatyam. Sonal Mansingh has been nominated by the President of India to become a Member of Parliament, Rajya Sabha. She is the Youngest recipient of Padma Bhushan in 1992 and Padma Vibhushan in 2003.

Sol.30.(a) Two {Steel Authority of India Limited (SAIL) and Rashtriya Ispat Nigam Limited (RINL)}. SAIL was incorporated on January 24, 1973 to manage the five integrated steel plants at Bhilai, Bokaro, Durgapur, Rourkela and Burnpur, the Alloy Steel Plant and the Salem Steel Plant. Headquarters - New Delhi. RINL, the corporate entity of Visakhapatnam Steel Plant, is a Navaratna PSE under the Ministry of Steel. Headquarters - Visakhapatnam.

Sol.31.(a) Both I and II. Four alternative measures of money supply: M1, M2, M3 and M4. M1 = Currency + Demand deposits with the banking system. M2 = M1 + Savings deposits with Post Office savings banks. M3 = M1 + Net time deposits of commercial banks. M4 = M3 + Total deposits with Post Office savings (excluding National Savings Certificates).

Sol.32.(b) 1857. India's first war of independence, better known as the Indian Rebellion of 1857, began on 10 May in the year 1857. First martyr of the revolt - Mangal Pandey. Vinayak Damodar Savarkar had published the book "The Indian War of Independence" in 1909.

Sol.33.(c) Three. The prehistoric period in terms of technology is typically divided into three main ages : Stone Age (Paleolithic, Mesolithic, Neolithic), Bronze Age and Iron Age. In some areas, there is also a transition period between Stone Age and Bronze Age known as the Chalcolithic or Copper Age.

Sol.34.(b) Kerala. The 15th official census in India was calculated in the year 2011. The top three States in Literacy were Kerala (94%), Lakshadweep (91.85 %), Mizoram (91.33 %). The bottom three States in Literacy were Rajasthan (66.11 %), Arunachal Pradesh (65.38 %), Bihar (61.80 %).

Sol.35.(d) Sachin Tendulkar. He was recognised as a National Icon by the ECI on 23rd August, 2023 at New Delhi. General elections were held in India from 19 April to 1 June 2024 in seven phases, to elect all 543 members of the Lok Sabha. National Voters' Day - 25 January.

Sol.36.(c) Both I and II. Manu Bhaker is an Olympic medalist who won two bronze medals at the 2024 Summer Olympics in Paris in women's 10m air pistol event and mixed 10m air pistol event. She became the first Indian female Shooter to win a medal at Olympics. Tajinderpal Singh Toor is a two-time Asian champion, an Asian Games gold-medallist, four time national champion.

Sol.37.(d) Lakshminarayana Subramaniam : Awards - Padma Bhushan (2001). Ravi Shankar was an Indian sitarist and composer. Award : Bharat Ratna (1999). Ustad Zakir Hussain is widely considered as one of the greatest tabla players of all time. Ustad Bismillah Khan was an Indian musician credited with popularizing the Shehnai.

Sol.38.(a) Sachin Tendulkar. General elections were held in India from 19 April

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to 1 June 2024 in seven phases, to elect all 543 members of the Lok Sabha.

Sol.39.(b) Bharatnatyam. Its origin can be traced from back to Sadir - the solo dance of temple dancers or devadasis in Tamil Nadu. Eight classical dances: Bharatanatyam (Tamil Nadu), Kathak (Uttar Pradesh), Kathakali (Kerala), Kuchipudi (Andhra Pradesh), Manipuri (Manipur), Mohiniyattam (Kerala), Odissi (Odisha), Sattriya (Assam).

Sol.40.(b) Lawn Tennis. It is a form of tennis, played with a soft ball on an open court. Famous Tennis Players: Leander Paes, Mahesh Bhupathi, Rohan Bopanna, Vijay Amritraj, Ramanathan Krishnan, Ramesh Krishnan, Somdev Devvarman, Yuki Bhambri, Novak Djokovic, Rafael Nadal, Roger Federer, Serena Williams.

Sol.41.(a)

Fraction value of 40% = $\frac{2}{5} = \frac{profit/loss}{CP}$

Difference between CP and SP = 5 - 3
= 2 units
2 units = 224 Rs

(SP) 3 units = $\frac{224}{2} \times 3 = 336$

Sol.42.(c)
[21 + 14 - 7 × (91 ÷ 7 - 12) + 42]
= [35 - 7 × (13 - 12) + 42]
= [35 - 7 × 1 + 42]
= [28 + 42] = 70

Sol.43.(c) $0.\overline{4} + 0.\overline{2}$
$= \frac{4}{9} + \frac{2}{9} = \frac{6}{9} = \frac{2}{3}$

Sol.44.(a)

Fraction value of 75% = $\frac{3}{4}$

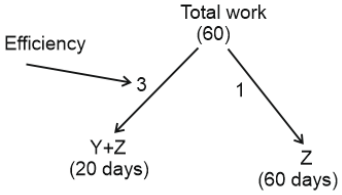
So the required ratio = 4 : 7

Sol.45.(a)

SP of the pen = 15625 × $\frac{4}{5}$ = 12500

CP of the pen = 12500 × $\frac{4}{5}$ = Rs. 10000

Sol.46.(c)



Efficiency of Y = 3 - 1 = 2 units
Time taken by Y to complete the whole work = $\frac{60}{2}$ = 30 days

Sol.47.(a)

Side of the rhombus = $\frac{200}{4}$ = 50

We know that,
$d_1^2 = 4a^2 - d_2^2$
$d_1^2 = 4 \times 50 \times 50 - 80 \times 80$
$d_1^2 = 3600$, $d_1 = 60$ cm

Area of rhombus = $\frac{1}{2} \times d_1 \times d_2$

Area of rhombus = $\frac{1}{2} \times 60 \times 80$

= 2400 cm^2

Sol.48.(a)

Discount % = $\frac{2280-1482}{2280} \times 100 = 35\%$

Sol.49.(c) Multiple of 13 between 70 to 144 = 78, 91, **104, 117**, 130, 143

Average = $\frac{(104+117)}{2}$ = 110.5

Sol.50.(a) Relative speed of the trains
= 86 - 34 = 52 km/h

Required time = $\frac{(300+480) \times 18}{52 \times 5}$

= 54 seconds

Sol.51.(d) MDH formula used :
Chetan × 6 × 5 = Rashmi × 2 × 10
$\frac{Chetan}{Rashmi} = \frac{2}{3}$
Total work = 2 × 6 × 5 = 60 units

Required time = $\frac{60}{4 \times (2+3)}$ = 3 hours

Sol.52.(c)
$= \left(\frac{0.25 \times (0.25 \div 0.25)}{(0.25 \times 0.25) \times 0.25}\right)$
$= \left(\frac{0.25 \times 1}{(0.0625) \times 0.25}\right)$
$= \frac{1}{0.0625} = \frac{10000}{625} = 16$

Sol.53.(a) Let the age of A and B is $3x$ and $4x$ years
According to the question,
$3x + 4x = 28 \Rightarrow 7x = 28$, $x = 4$
So the age of B ($4x$) = 4 × 4 = 16 years

Sol.54.(b)
31 and 73 are the co-prime numbers so the HCF of 31 and 73 will be 1.

Sol.55.(c) Sum of right observation
= 19 + 33 + 66 = 118
Sum of wrong observation
= 30 + 38 + 69 = 137

Correct average = 23 - $\frac{(137-118)}{50}$

= 22.62

Sol.56.(b)
Let the three numbers be $9x$, $8x$ and $7x$
According to the question,
$9x + 8x + 7x = 480$
$24x = 480$, $x = 20$
Largest numbers ($9x$) = 9 × 20 = 180

Sol.57.(b) Let the principal be 1 unit.
Principal after 8 years = 5 units
SI = 5 - 1 = 4

SI = $\frac{p \times r \times t}{100} \Rightarrow 4 = \frac{1 \times r \times 8}{100} \Rightarrow$ r = 50%

SI after 24 years,

SI = $\frac{1 \times 50 \times 24}{100}$ = 12

Amount after 24 years will be
= 12 + 1 = 13 units
So we can say that it will become 13 times of itself.

Sol.58.(b) 75% of 1256
= $\frac{3}{4} \times 1256 = 942$

Sol.59.(c)
Ratio - A1 : A2 : A3
Weight - 18 : 3 : 2
Average weight of A1, A2 and A3
= $\frac{18+3+2}{3} = \frac{23}{3}$ units

$\Rightarrow \frac{23}{3}$ units = 299

A1's weight (18 units)
= $\frac{299 \times 3}{23} \times 18 = 702$ kg

Sol.60.(b) SI = $\frac{p \times r \times t}{100}$

21630 = $\frac{p \times 10 \times 7}{100}$

p = Rs. 30900

Amount after 2 years at the rate of 20%,

Amount = 30900 × $\frac{6}{5} \times \frac{6}{5}$ = 44496

CI after 2 years,
CI = 44496 - 30900 = Rs. 13596

Sol.61.(c) but when she did she realized that she
The given sentence is in the past tense so it must have the verb in the past form(V_2) and not in the present form(does, realizes). Hence, 'when she did she realized' is the most appropriate answer.

Sol.62.(c) To throw cold water on- to be discouraging or unenthusiastic about something.
E.g.- She threw cold water on his hopes of getting a promotion this year.

Sol.63.(a) meltdown
The noun 'meltdown' will be used as an article ('a') is always used with a noun. Hence, 'meltdown' is the most appropriate answer.

Sol.64.(b) Literal- exactly what it seems

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to be.
Figurative- language that uses words or expressions with meanings different from their literal interpretation.
Descriptive- language that provides detailed information.
Fanciful - over - imaginative and unrealistic.
Flowery- overly elaborate.

Sol.65.(b) vivacous
'Vivacious' is the correct spelling.

Sol.66.(d) No improvement
The given sentence is grammatically correct.

Sol.67.(c) but I couldn't strictly hear him.
The word 'strictly' must be replaced with 'exactly' to make the sentence meaningful. 'Strictly' means in a very limited way & 'exactly' means accurately or completely. Hence, 'but I couldn't 'exactly' hear him' is the most appropriate answer.

Sol.68.(c) These structures have come to play an important role.
'Structures', and 'important' are the correct spellings.

Sol.69.(b) Lacking- not available or in short supply.
Accessible- able to be reached or easily obtained.
Furnished- equipped with furniture and necessary items.
Popular- liked by many people.
Budget- An estimate of income and expenditure for a set period.

Sol.70.(a) think that what you have build
'Has/have/had' takes the third form of the verb. 'Built' is the third form of 'built'. Hence, 'think that what you have built(V_3)' is the most appropriate answer.

Sol.71.(d) her the much
Article 'the' is used with superlative degree adjectives. However, 'most' is the superlative degree of 'much'. Hence, 'her the most' is the most appropriate answer.

Sol.72.(c) Naïve- innocent and easily deceived.
Gullibly- easily tricked or fooled.
Immunity- protection from something, like a disease or legal responsibility.
Fraternity- brotherhood.
Critical- very important or essential.

Sol.73.(c) To tread carefully- to behave or speak carefully to avoid causing problem.

Sol.74.(d) called
'Call' is the correct verb to use with strike. 'Call a strike' means to stop work to press demands. The given sentence states that they called a strike because the party members refused their plea. Hence, 'called' is the most appropriate answer.

Sol.75.(b) come home
A person can come to only one home at a time. We can't use plural form. Hence, 'come home' is the most appropriate answer.

Sol.76.(c) combating
'Combat' means to take action to prevent something bad or undesirable. The given passage states that Government of India stands dedicated to combating climate change. Hence, 'combating' is the most appropriate answer.

Sol.77.(c) schemes
'Scheme' means an official plan for doing something. The given passage states that the Government is implementing several programmes and schemes including the National Action Plan on Climate Change (NAPCC). Hence, 'schemes' is the most appropriate answer.

Sol.78.(b) comprises
The verb after a relative pronoun(that, which, who, whom) is used according to the antecedent (the word before). The antecedent is 'plan' which is singular, therefore a singular verb will be used. Hence, 'comprises' is the most appropriate answer.
Note:- The part after preposition (on) is not considered for the subject verb agreement.

Sol.79.(c) strategic
'Strategic' means planning and management of resources to achieve specific goals. The given passage states that the National Action Plan on Climate Change (NAPCC) comprises strategic knowledge for climate change, among other missions. Hence, 'strategic' is the most appropriate answer.

Sol.80.(c) framework
'Framework' means a system of rules, ideas, or beliefs that is used to plan or decide something. The given passage states that the NAPCC provides an overarching framework for all climate actions. Hence, 'framework' is the most appropriate answer.

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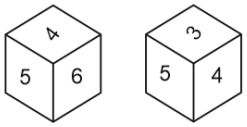
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SSC GD Constable 26/02/2024 (3rd Shift)

Reasoning

Q.1. In the following question, select the related letter pair from the given alternatives.
TYC : WBF : : ?
(a) AMV : VMJ (b) POL : ZXU
(c) LSU : MLL (d) CDF : FGI

Q.2. Two positions of a dice are given below. What will come on the face opposite to the face containing '3' on it ?



(a) 2 (b) 4 (c) 6 (d) 1

Q.3. In a certain code language, 'CASKM' is coded as '69271', 'CHARM' is coded as '13576', 'CIAOS' is coded as '74682'. What can be the code for 'H' in that code language ?
(a) 7 (b) 1 (c) 3 (d) 6

Q.4. In the following question, select the missing number from the given series.
111, 122, 133, ?, 155, 166
(a) 143 (b) 145 (c) 148 (d) 144

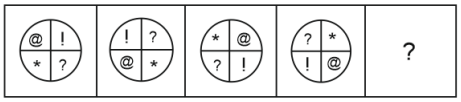
Q.5. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : No land is water.
Statement II : No water is air.
Statement III : No air is forest.
Conclusion I : No land is forest.
Conclusion II : Some air are water
(a) Only conclusion I follows
(b) Neither conclusion I nor II follows
(c) Only conclusion II follows
(d) Both conclusions I and II follow

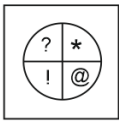
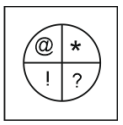
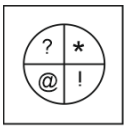
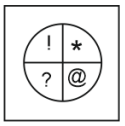
Q.6. In the following question, select the missing number from the given series.
44, 46, 54, 86, 214, ?
(a) 719 (b) 716 (c) 720 (d) 726

Q.7. Which two numbers should be interchanged to make the given equation correct ?
18 × 3 ÷ 9 + 5 - 6 = 2
(a) 18 and 6 (b) 3 and 5
(c) 2 and 3 (d) 5 and 9

Q.8. By Interchanging the given twonumbers which of the following equations will be NOT correct ?
3 and 5
(a) 5 - 3 + 6 = 4 (b) 7 × 4 - 5 + 3 = 30
(c) 5 + 3 × 2 - 1 = 12 (d) 5 × 4 + 3 - 2 = 18

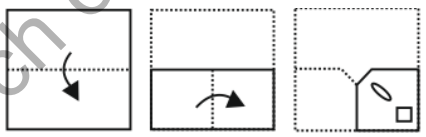
Q.9. Select the figure that will replace the question mark (?) in the following figure series.

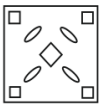
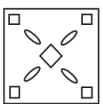
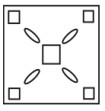


(a) 
(b) 
(c) 
(d) 

Q.10. Eight athletes Sunil, Abhishek, Mohit, Cheenu, Rahul, Tanu, Koyal and Ankit are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Koyal is third to the left of Rahul. Tanu is third to the right of Cheenu. Mohit is second to the right of Sunil. Abhishek is second to the left of Cheenu. Tanu is second to the left of Sunil. Who is sitting second to the right of Rahul ?
(a) Koyal (b) Ankit (c) Tanu (d) Abhishek

Q.11. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened ?



(a) 
(b) 
(c) 
(d) 

Q.12. In a certain code language, 'FEAR' is coded as 'JJEW'. What is the code for 'FLAT' in that code language ?
(a) JQEY (b) JQDY (c) JREZ (d) JQEZ

Q.13. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
RQ, NO, LK, HI, ?
(a) FH (b) FE (c) TQ (d) FX

Q.14. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
iijjk_iijjkkiijjk_iijjkkiijjkkiijjkkiijjkkiijjkkii_ _kk
(a) kiji (b) jjkk (c) kkjj (d) iijk

Q.15. After arranging the given words according to dictionary order, which word will come at "Third" position ?
1. Sloven 2. Slow 3. Slough
4. Slobber 5. Slouch
(a) Slow (b) Slough (c) Slouch (d) Sloven

Q.16. P, Q, R, S, T, U and V are seven friends sitting in a single row facing North. S is to the immediate right of R. T and P are neighbours of U. Q is to the immediate left of R and on second place from left most end. P is at the right most end. Who is sitting on the immediate right of T ?
(a) R (b) Q (c) P (d) U

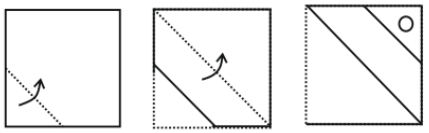
Q.17. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster and the second letter cluster is related to the first letter cluster.
NICE : MOHJBDDF :: KIND : JLHJMOCE :: LAZY : ?
(a) KMZBZXAY (b) MKBZAYZX
(c) AYZXMKBZ (d) KMZBYAXZ

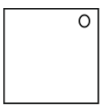
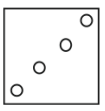
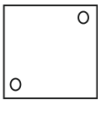
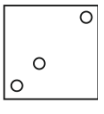
Q.18. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

Q.19. A paper is folded and cut as shown below. How will it appear when unfolded



(a) 
(b) 
(c) 
(d) 

Q.20. Pointing towards a picture of a girl, Raman said, "She is the sister of my mother's husband". How that girl is related to Raman ?
(a) Father's sister (b) Sister

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(c) Father's Mother (d) Mother

General Awareness

Q.21. The Government____is a statement of expected receipts and expected expenditures of the Government (for the coming fiscal year) that reveals the budgetary policy of the Government to achieve the twin objective of growth and stability.
(a) Policy (b) Revenue
(c) Plan (d) Budget

Q.22. Which of the following articles of the Indian Constitution mentions abolition or creation of Legislative Councils in States ?
(a) Article 161 (b) Article 169
(c) Article 165 (d) Article 173

Q.23. In which state of India is the 'Flamingo Festival' organized ?
(a) Nagaland (b) Sikkim
(c) Mizoram (d) Andhra Pradesh

Q.24. The first five year plan of India was based on_____.
(a) Mahalanobis Plan
(b) Harrod-Domar Model
(c) Nehru Model
(d) Gadgil Yojna

Q.25. National Nritya Shiromani Award 2022 was won by _____.
(a) N. Rajam
(b) Aparna Satheesan
(c) Anuradha Pandey
(d) Raj Bisaria

Q.26. The nineteenth century saw the golden age of____ under the patronage of Wajid Ali Shah.
(a) Kuchipudi (b) Odissi
(c) Manipuri (d) Kathak

Q.27. The script used by the Sunga was a variant of Brahmi, and was used to write the_____ language
(a) Sanskrit (b) Urdu (c) English (d) Hindi

Q.28. In_____2023, the Union Cabinet of India approved the National Green Hydrogen Mission.
(a) June (b) July (c) January (d) March

Q.29. In Volleyball, if the game is tied at ____ in any set (except fifth set), the set continues till one team builds a two-point lead over the other.
(a) 24-24 (b) 11-11 (c) 14-14 (d) 18-18

Q.30. The MRTP Act of 1969 aimed at:
(a) Promoting monopolies in key industries
(b) Promoting free trade agreements
(c) Regulating and controlling monopolistic and restrictive trade practices
(d) Encouraging foreign direct investment

Q.31. Prime Minister Narendra Modi inaugurated the priority section of Delhi-Ghaziabad-Meerut RRTS Corridor at Sahibabad RapidX Station, Uttar Pradesh on October 20, 2023. What does 'T' stand for in RRTS ?
(a) Transform (b) Telecom
(c) Transit (d) Traffic

Q.32. Which sport is played by the Indian sportsperson Aruna Mishra ?
(a) Cricket (b) Hockey
(c) Boxing (d) Table Tennis

Q.33. Which iconic playback singer, known for his mesmerizing voice and classic hits like "Mere Sapno Ki Rani Kab Aayegi Tu," was also a music director and composer ?
(a) Mohammed Rafi (b) Mukesh
(c) Talat Mahmood (d) Kishore Kumar

Q.34. According to the Indian Constitution, the Right to protection of life and personal liberty is a:
(a) Fundamental Duty of State
(b) Non enforceable rights
(c) Fundamental Right of an Individual
(d) Directive Principle of state policy

Q.35. As of October 2023, who among the following is the governor of Odisha ?
(a) Ganeshi Lal (b) S.C. Jamir
(c) Hemant Soren (d) Raghubar Das

Q.36. According to the 2011 census of India, the literacy rate in India is____ percent.
(a) 72.99 (b) 62.99 (c) 94.04 (d) 54.04

Q.37. Which of the following is a 's' block element ?
(a) Scandium (b) Vanadium
(c) Titanium (d) Rubidium

Q.38. Average density of population in India is_____persons per square km, according to 2011 census of India.
(a) 362 (b) 342 (c) 382 (d) 322

Q.39. Who among the following won the ICC U19 Women's T20 World Cup 2023 ?
(a) New Zealand (b) England
(c) India (d) Australia

Q.40. ____ was the founder of the Widow Remarriage Association (1861)
(a) Keshub Chandra Sen
(b) Mahadev Govind Ranade
(c) Dr. Atma Ram Pandurang
(d) Debendra Nath Tagore

Quantitative Aptitude

Q.41. Two trains are moving in the same direction at the speed of 40 km/hr and 90 km/hr, their lengths are 275 metres and 350 metres respectively. What will be the time taken by faster train to cross the slower train ?
(a) 45 seconds (b) 36 seconds
(c) 60 seconds (d) 54 seconds

Q.42. A alone can do a work in 40 days and B alone can do the same work in 60 days. In how many days will they together complete the same work ?
(a) 24 (b) 32 (c) 25 (d) 29

Q.43. If 4P = 5Q and 3Q = 4R, then what is the value of P : Q : R ?
(a) 7 : 6 : 2 (b) 25 : 16 : 10
(c) 10 : 8 : 3 (d) 5 : 4 : 3

Q.44. Sneha alone can complete a work in 30 days and Anju alone can complete the same work in 45 days. Anju alone worked for first 15 days and then left the work. In how many days will Sneha alone complete the remaining work ?
(a) 28 (b) 21 (c) 27 (d) 20

Q.45. What is the value of
$810 \div 5 - 25 \times 13 + 2 \times 12$?
(a) - 139 (b) - 47 (c) - 39 (d) - 147

Q.46. If the cost of 5 apples and 8 mangoes is same as the cost of 9 apples and 4 mangoes, then what is the ratio of the price of a mango and the price of an apple ?
(a) 1 : 2 (b) 4 : 1 (c) 1 : 3 (d) 1 : 1

Q.47. A bicycle was bought for $120 and sold at a profit of 15%. Find the selling price.
(a) $138 (b) $111 (c) $142 (d) $127

Q.48. Dinesh purchases 12 dozens of apples at the rate of Rs. 300 per dozen. He sells each apple at the rate of Rs. 30. What is the profit of Dinesh ?
(a) 25 % (b) 15 % (c) 10 % (d) 20 %

Q.49. Successive discounts of 15% and 12% are equivalent to a single discount of :
(a) 20% (b) 27% (c) 18.5% (d) 25.2%

Q.50. If 70 percent of X1 = $(\frac{6}{7})$ of X2, then what is X1 : X2 ?
(a) 60 : 49 (b) 30 : 7 (c) 30 : 49 (d) 7 : 30

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Q.51. In an exam, Sandeep got 55 percent less marks than the passing marks. He got 223.2 marks. If the passing percentage is 62 percent, then what are the maximum mark of the exam
(a) 200 (b) 600 (c) 400 (d) 800

Q.52. Ritu sold a camera for ₹24000, earning a profit of 20%. If she wanted to earn a profit of 25%, at what price should she have sold the camera ?
(a) Rs. 27000 (b) Rs. 22000
(c) Rs. 24000 (d) Rs. 25000

Q.53. Three numbers are in the ratio 3 : 9 : 11 and their HCF is 29. Find the numbers.
(a) 84, 240, and 300 (b) 58, 88, and 319
(c) 144, 261, and 320 (d) 87, 261, and 319

Q.54. Rs. 20000 is lent at compound interest at an annual rate of 18 percent for 1 year (compounding annually). If the compounding of interest is done half yearly, then how much more interest will be obtained ?
(a) Rs. 190 (b) Rs. 142
(c) Rs. 162 (d) Rs. 150

Q.55. A sum of Rs. 7000 is invested in a scheme of simple interest. The rate of interest in this scheme is 20 percent per annum. If Rs. 1750 interest is obtained, then for how many months is the sum invested ?
(a) 21 (b) 24 (c) 15 (d) 18

Q.56. Find the value of
1573 ÷ 13 {(12 - 6) + (48 - 53)}
(a) 155 (b) 130 (c) 121 (d) 153

Q.57. A new student having weight 47 kg join a class of 41 students and the average weight of the class reduces by 1.5 kg. What is the new average weight of the class ?
(a) 107.4 kg (b) 109 kg
(c) 108.5 kg (d) 110 kg

Q.58. Average age of a group of 27 boys is 21 years. If a boy leaves the group, then the average age becomes 21.7 years. What is the age of the boy who left the group ?
(a) 2.5 years (b) 2.8 years
(c) 3.4 years (d) 2 years

Q.59. What is the value of 143 × 13 ÷ 11 + 156 ÷ 13 × 12 - 210 × 15 ÷ 14 ?
(a) 78 (b) 178 (c) 88 (d) 168

Q.60. What is the total surface area of a cylinder having radius of base as 4.2 cm and height as 8 cm ?
(a) 346.04 cm² (b) 246.58 cm²
(c) 284.92 cm² (d) 322.08 cm²

English

Q.61. Select the most appropriate word to fill in the blank.
____ she was partly deaf, she was a gifted pianist.
(a) until (b) although
(c) because (d) yet

Q.62. Select the most appropriate antonym of the given word.
Morose
(a) Uplifted (b) Cranky
(c) Glum (d) Gloomy

Q.63. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
We decided that it would be / too good for you to have / some feminine influence.
(a) We decided that it would be
(b) some feminine influence.
(c) too good for you to have
(d) No error

Q.64. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
You have never loved me; / you have either heart/nor honourable feeling!
(a) nor honourable feeling!
(b) you have either heart
(c) You have never loved me;
(d) No error

Q.65. Select the most appropriate word to fill in the blank.
Colossal sums have____ wasted on this project.
(a) to (b) being (c) be (d) been

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Tracing the origin of horse domestication in the prehistoric era have proven to be an exceedingly difficult task.
(a) Tracing the origin of horse domestication
(b) No error
(c) in the prehistoric era have proven
(d) to be an exceedingly difficult task.

Q.67. From the options given below choose the synonym (similar meaning) of the word:
Ossified
(a) Harden (b) Amenable
(c) Docile (d) Pliant

Q.68. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To pick/take up the gauntlet
(a) To reduce one's worth
(b) To accept a challenge
(c) To share the responsibility
(d) To take a small task

Q.69. Choose the most appropriate antonym of the underlined word.
Davie would be well away, for he would **fret** about his grandmother, and that would do neither of them any good.
(a) Agonize (b) Bother
(c) Carp (d) Delight

Q.70. Select the incorrectly spelt word from the given sentence.
More than once in the course of my questionaire, I have questioned about your love for the country and culture.
(a) questioned (b) course
(c) culture (d) questionaire

Q.71. Select the most appropriate word to fill in the blank.
Napoleon was one of the most capable generals in ____ history.
(a) a (b) the (c) an (d) no article

Q.72. Fill in the blank with the most appropriate option.
I have taken care that the door is locked and the window_____fastened.
(a) deeply (b) securely
(c) unfixed (d) safely

Q.73. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
For certain, this is the best pizza in town.
(a) Through thick and thin
(b) Beyond a shadow of a doubt
(c) Benefit of doubt
(d) Off on the wrong foot

Q.74. Fill in the blank with the most appropriate antonym of the bracketed word.
We've learned that (calmness) spreads faster online than joy.
(a) rage (b) sweetness
(c) cumbersome (d) calamity

Q.75. Select the sentence with no spelling errors.
(a) We need to strike a balance between creating false alarms and letting any urgent medical matters fall through the cracks.
(b) We need to strike a balance between creating false alarms and letting any urjent medical matters fall throuh the cracks.
(c) We need to strike a balance between

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creating false alarms and leting any urgent medical maters fall through the cracks.

(d) We need to strike a balance between creating false alrms and letting any ergent medical matters fall through the cracks.

Cloze Test :

Direction :- [Q.76. to Q.80.]

His speech had begun to (76)____, and he passed abruptly from one subject to (77)_____. Konstantin with the help of Masha (78)_____him not to go out anywhere, and got him to bed (79)_____drunk. Masha promised to write to Konstantin in case of need, and to persuade Nikolay Levin to go and (80)_____with his brother.

Q.76. (a) malfunction (b) falter
(c) default (d) prompt

Q.77. (a) one other (b) an other
(c) on other (d) another

Q.78. (a) preached (b) retreated
(c) acrossed (d) persuaded

Q.79. (a) floor (b) sky
(c) uniquely (d) desperately

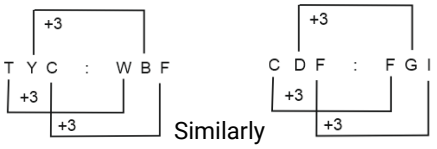
Q.80. (a) outside (b) stay
(c) inside (d) commerce

Answer Key :-

1.(d)	2.(c)	3.(c)	4.(d)
5.(b)	6.(d)	7.(c)	8.(d)
9.(a)	10.(d)	11.(b)	12.(a)
13.(b)	14.(c)	15.(b)	16.(d)
17.(d)	18.(d)	19.(a)	20.(a)
21.(d)	22.(b)	23.(d)	24.(b)
25.(b)	26.(d)	27.(a)	28.(c)
29.(a)	30.(c)	31.(c)	32.(c)
33.(d)	34.(c)	35.(d)	36.(a)
37.(d)	38.(c)	39.(c)	40.(b)
41.(a)	42.(a)	43.(d)	44.(d)
45.(a)	46.(d)	47.(a)	48.(d)
49.(d)	50.(a)	51.(d)	52.(d)
53.(d)	54.(c)	55.(c)	56.(c)
57.(c)	58.(b)	59.(c)	60.(d)
61.(b)	62.(a)	63.(c)	64.(b)
65.(d)	66.(c)	67.(a)	68.(b)
69.(d)	70.(d)	71.(d)	72.(b)
73.(b)	74.(a)	75.(a)	76.(b)
77.(d)	78.(d)	79.(d)	80.(b)

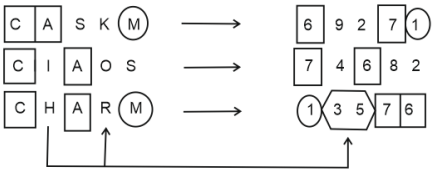
Solutions :-

Sol.1.(d)



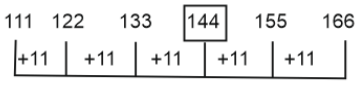
Sol.2.(c) From the given two dice, the face opposite to 3 is 6.

Sol.3.(c)

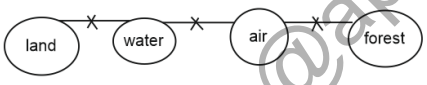


It can be clearly seen that code for H and R are 3 and 5 or 5 and 3. But there is no option for 5, therefore H is coded as 3.

Sol.4.(d)

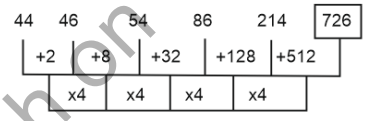


Sol.5.(b)



As we can see, neither conclusion I nor II follows.

Sol.6.(d)



Sol.7.(c) Given : $18 \times 3 \div 9 + 5 - 6 = 2$

After going through all the options, option (c) satisfies. After interchanging 2 with 3, we get:

$\Rightarrow 18 \times 2 \div 9 + 5 - 6 = 3$

$\Rightarrow 4 + 5 - 6 = 3 \Rightarrow 3 = 3$

$\Rightarrow$ LHS = RHS

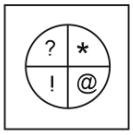
Sol.8.(d) In all the given options, on interchanging 3 with 5, option a, b, and c satisfies the equation, while option(d) does not satisfies:

$\Rightarrow 5 \times 4 + 3 - 2 = 18$

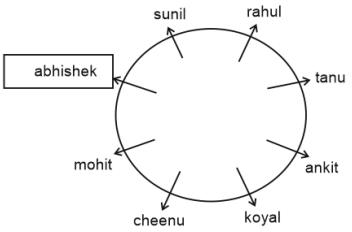
$\Rightarrow 3 \times 4 + 5 - 2 = 18 \Rightarrow 12 + 5 - 2 = 18$

$\Rightarrow 15 \neq 18 \Rightarrow$ LHS $\neq$ RHS

Sol.9.(a)



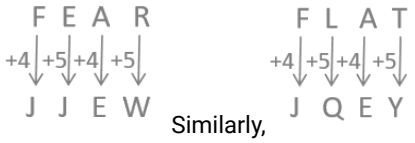
Sol.10.(d)



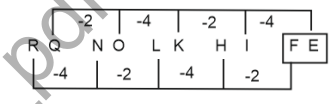
Sol.11.(b)



Sol.12.(a)



Sol.13.(b)



Sol.14.(c) iijjk**k** / iijjkk / iijjk**k** / iijjkk / iijjkk / iijjkk / iijjkk / iijjkk / ii**jj**kk

Sol.15.(b) The correct order is:

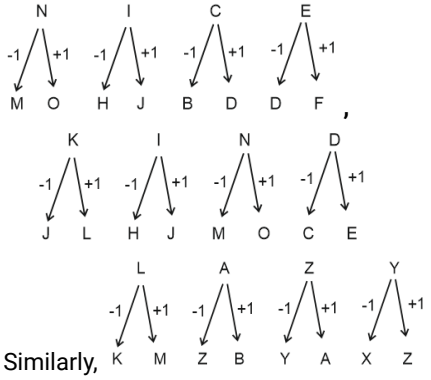
Slobber(1) → Slouch(2) → Slough(3) → Sloven(4) → Slow(5)

As we can see, 'Slough' will be in third position.

Sol.16.(d)



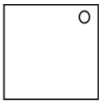
Sol.17.(d)



Sol.18.(d)



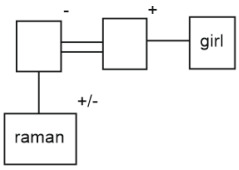
Sol.19.(a)



Sol.20.(a)

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As we can see, that girl is the father's sister of Raman.

Sol.21.(d) Budget. The term 'Budget' is not mentioned in the constitution. As per Article 112 of the Constitution of India, the Union Budget of a fiscal year refers to the annual financial statement of the Union Government for that particular fiscal year. The union budget is prepared by the Department of Economic Affairs (DEA), the Ministry of Finance and is presented to the Parliament for discussion and approval.

Sol.22.(b) Article 169 : The Parliament can abolish or create a Legislative Council by a simple majority, that is, a majority of the members of each House present and voting, if the legislative assembly of the concerned state, passes a resolution, by a special majority. There are six states having a Legislative Council **:** Andhra Pradesh, Telangana, Uttar Pradesh, Bihar, Maharashtra, Karnataka.

Sol.23.(d) Andhra Pradesh. Flamingo Festival is an annual festival around Pulicat Lake in Andhra Pradesh to celebrate the arrival of thousands of migratory birds to the Indian subcontinent during the winter. Other festivals of Andhra Pradesh**:** Pongal, Ugadi, Visakha Utsav, Tirupati Tirumala Brahmotsavam, Rayalaseema Food & Dance Festival, and Deccan Festival.

Sol.24.(b) Harrod-Domar Model. First Five Year Plan (1951 - 56) focussed on agriculture, price stability, power and transport. Target Growth : 2.1 %. Actual Growth : 3.6 %. Second Plan (1956 - 61) **:** It was based on Mahalanobis Plan. Fourth Five-Year Plan (1969-74) : It was based on Gadgil Formula.

Sol.25.(b) Aparna Satheesan : She was elected for her exceptional talent in the field of classical dance and for promoting the Kuchipudi dance across the globe. She is a disciple of Guru Smt. Vyjayanthi Kashi. She is also a recipient of the prestigious Bharata Shastra Nritya Praveena Award by the All India Dancer's Association, Natya Shiromani Award by Indian festival Organization, Abhinandan Saroja Award by National Institute of Indian Classical dance.

Sol.26.(d) Kathak : It is a classical dance form of North India. Wajid Ali Shah was the last king of Awadh (Uttar Pradesh) and was a great poet, playwright, dancer and patron of the arts. One of the most significant contributions of the king was the introduction of the classical dance forms, Kathak and Thumri. The unique Lucknow gharana of Kathak evolves and reaches great heights.

Sol.27.(a) Sanskrit. In ancient India, Brahmi script was used to write sanskrit. The Brahmi script was deciphered by James Princep. The English language is written using the Latin script. Urdu is written in the Perso-Arabic script, known as Nastaliq . Hindi is written using the Devnagri script.

Sol.28.(c) January. The National Green Hydrogen Mission is implemented by the Ministry of New and Renewable Energy. Objective: Developing production capacity of Green Hydrogen at least 5 Million Metric Tonne per annum by 2030. It aims to undertake over Rs 8 lakh crore of total investments and is expected to generate six lakh jobs. It will also lead to a cumulative reduction in fossil fuel imports by over Rs 1 lakh crore and an abatement of nearly 50 MT of annual greenhouse gas emissions.

Sol.29.(a) 24-24. A set (except the deciding 5th set) is won by the team which first scores 25 points with a minimum lead of two points. In the case of a 24-24 tie, play is continued until a two point lead is achieved (26-24; 27-25; etc.).

Sol.30.(c) The Monopolies and Restrictive Trade Practices Act, 1969 (MRTP Act) was repealed and replaced by the Competition Act, 2002, on the recommendations of the Raghavan committee. Competition Commission of India (CCI) is a statutory body of the Government of India responsible for enforcing the Competition Act, 2002. It was duly constituted in March 2009.

Sol.31.(c) Transit. RRTS stands for 'Regional Rapid Transit System'. It is a new mode of public transportation designed specifically for the National Capital Region. It is a rail-based, semi-high-speed, high-frequency commuter transit system. The Delhi-Ghaziabad-Meerut corridor has a total length of 82-km long, with 22 stations.

Sol.32.(c) Boxing. Other Indian Boxers: Mary Kom, Vijender Singh, Amit Panghal, Lovlina Borgohain, Nikhat Zareen, Dingko Singh, Hawa Singh, Vikas Krishan, Shiva Thapa, Laishram Sarita Devi, etc,.

Sol.33.(d) Kishore Kumar. "Mere Sapno Ki Rani" is a Hindi song from the 1969 Hindi film Aradhana. The song was composed by Sachin Dev Burman and performed by Kishore Kumar. Other mesmerizing songs by Kishore Kumar: "Tere Bina Zindagi Se Koi", "Pal Pal Dil Ke Paas", "Ek Ladki Bheegi Bhaagi Si", "Koi Humdum Na Raha".

Sol.34.(c) Fundamental Right of an Individual. Fundamental rights are the basic human rights enshrined in the Constitution of India which are guaranteed to all citizens. Fundamental rights are included in Part III (Article 12 — 35) of the Indian constitution. Article 21: No person shall be deprived of his life or personal liberty except according to procedure established by law.

Sol.35.(d) Raghubar Das : He is the 26th Governor of Odisha. He also served as the Chief minister of Jharkhand. The Governor of a State is appointed by the President for a term of five years and holds office during his pleasure. Only Indian citizens above 35 years of age are eligible for appointment to this office. Governor takes an oath or affirmation in front of the Chief Justice of the High Court that has jurisdiction over the state before taking office.

Sol.36.(a) 72.99. As per census 2011, Male literacy rate of India is about 82.14% and Female literacy rate is 65.46%. The state with the lowest literacy rate in India is Bihar, with a rate of 61.8%. Conversely, Kerala has the highest literacy rate, standing at 94%.

Sol.37.(d) Rubidium. The s-block contain 14 elements, which include hydrogen (H), helium (He), lithium (Li), beryllium (Be), sodium (Na), magnesium (Mg), potassium (K), calcium (Ca), rubidium (Rb), strontium (Sr), cesium (Cs), barium (Ba), francium (Fr) and radium (Ra).

Sol.38.(c) 382. The density of population is the ratio between the numbers of people to the size of land. It is usually measured in persons per sq .km. Bihar has the highest population density (1,106) in India. Arunachal Pradesh has the lowest population density in India with 17 people per square kilometer.

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Sol.39.(c) India. India beat England by seven wickets in a thrilling final to be crowned the first-ever winners. Runner up: England. Venue: Potchefstroom, South Africa. ICC Women's U19 T20 World Cup 2023 was the first edition of the Under-19 Women's T20 World Cup.

Sol.40.(b) Mahadev Govind Ranade : He also founded the Poona Sarvajanik Sabha and Social Conference movement. He was one of the founding members of the Prarthana Samaj. The first Widow Remarriage Association was founded by Vishnu Shastri Pandit in the 1850s. The Hindu widow remarriage act was passed in the year 1856, during the tenure of Lord Canning due to the efforts of social reformer Ishwar Chandra Vidyasagar.

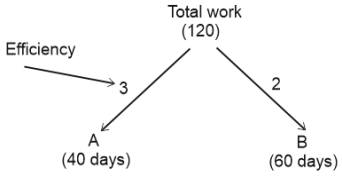
Sol.41.(a) Speed = $\frac{Distance}{Time}$

According to question,

Required Time

= $\frac{(275+350)\times 18}{(90-40)\times 5}$ = 45 sec.

Sol.42.(a) According to question,



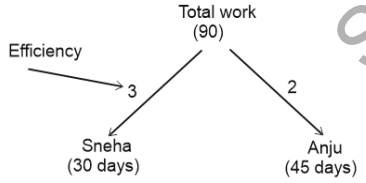
Required time = $\frac{120}{3+2}$ = 24 days.

Sol.43.(d) 4P = 5Q and 3Q = 4R

P : Q = 5 : 4 and Q : R = 4 : 3

P : Q : R = 5 : 4 : 3

Sol.44.(d)



According to question,

Work done by Anju in 15 day

= 15 × 2 = 30 units

Remaining work = 90 - 30 = 60 units.

Required time = $\frac{60}{3}$ = 20 days.

Sol.45.(a) 810 ÷ 5 - 25 × 13 + 2 × 12

= 162 - 25 × 13 + 2 × 12

= 162 - 325 + 24 = - 139

Sol.46.(d) Let the price of each apple and mango be a and b respectively.

5a + 8b = 9a + 4b

4b = 4a ⇒ b : a = 1 : 1

Sol.47.(a) According to question,

Selling price = 120 × $\frac{115}{100}$ = $138

Sol.48.(d) According to question,

Cost price of each apple = $\frac{300}{12}$ = 25 Rs.

Profit % = $\frac{(30-25)}{25}\times 100$ = 20%

Sol.49.(d) According to question,

Effective rate % = 15 + 12 - $\frac{15\times 12}{100}$

= 25.2%

Sol.50.(a) According to question,

$\frac{70}{100}\times X1 = \frac{6}{7}\times X2$

$\frac{X1}{X2} = \frac{6\times 10}{7\times 7} = \frac{60}{49}$

Sol.51.(d) According to question,

(62 × $\frac{45}{100}$)% = 223.2

27.9% = 223.2 marks

Therefore, maximum marks

= $\frac{223.2\times 100}{27.9}$ = 800.

Sol.52.(d) According to question,

Cost price of the camera

= 24000 × $\frac{100}{120}$ = 20000 Rs.

Profit = 25%

Then, Required selling price

= 20000 × $\frac{125}{100}$ = 25000 Rs.

Sol.53.(d)

Let the numbers be 3a, 9a and 11a.

Then, HCF(3a, 9a, 11a) = a = 29.

Therefore, the numbers are 87, 261 and 319.

Sol.54.(c) According to question,

CI for yearly;

CI = 20000 $(1+\frac{18}{100})^1$ - 20000

= 23600 - 20000 = ₹ 3600

CI for half yearly;

CI = 20000$(1+\frac{\frac{18}{2}}{100})^2$ - 20000

= 23762 - 20000 = ₹ 3762

Then, required difference

= 3762 - 3600 = ₹ 162

Alternative method:-

According to the question,

Rate of interest for 1 year = 18 %

Effective rate of interest (when half yearly) = 9 + 9 + $\frac{9\times 9}{100}$ = 18.81 %

⇒ Required difference

= 20000 × (18.81 - 18)%

= 20000 × $\frac{0.81}{100}$ = ₹ 162

Sol.55.(c) SI = $\frac{p\times r\times t}{100}$

According to question,

1750 = $\frac{7000\times 20\times t}{100}$

Time(t) = $\frac{1750\times 100}{7000\times 20} = \frac{5}{4}$ year

= 15 months.

Sol.56.(c) 1573 ÷ 13 {(12 - 6) + (48 - 53)}

= $\frac{1573}{13\{6+(-5)\}} = \frac{1573}{13}$ = 121

Sol.57.(c) Let the initial average weight of the class be x.

According to question,

$\frac{(41x+47)}{42}$ = (x - 1.5)

41x + 47 = 42x - 63 ⇒ x = 110 kg.

Therefore, the new average weight

= 110 - 1.5 = 108.5 kg.

Sol.58.(b) According to question,

Age of the boy = (27 × 21) - (26 × 21.7)

= 567 - 564.2 = 2.8 years.

Sol.59.(c) 143 × 13 ÷ 11 + 156 ÷ 13 × 12 - 210 × 15 ÷ 14

= 143 × $\frac{13}{11}$ + 12 × 12 - 210 × $\frac{15}{14}$

= 169 + 144 - 225 = 88

Sol.60.(d) TSA of cylinder = 2πr(r + h)

According to question,

TSA of cylinder = 2 × $\frac{22}{7}$ × 4.2(4.2 + 8)

= 44 × 0.6(12.2) = 322.08 cm².

Sol.61.(b) although

'Although' is used to express contrast between two ideas. The given sentence expresses contrast between 'being partly deaf' and 'being a gifted pianist'. Hence, 'although' is the most appropriate answer.

Sol.62.(a) Uplifted- feeling happy or encouraged.

Morose- unhappy or annoyed and unwilling to speak, smile, or be pleasant to people.

Cranky-irritable or in a bad mood.

Glum- looking sad or depressed.

Gloomy- dark or melancholic.

Sol.63.(c) too good for you to have

'Too' is used when something is in excess. But the given sentence is talking about some feminine influence, not excessive. Therefore, 'too good' will be replaced with 'best' to make the sentence meaningful. 'Best' is used to say what is most suitable for a person. Hence, 'best for you to have' is the most appropriate answer.

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Sol.64.(b) you have either heart
'Neither…nor' & 'either…or' are fixed conjunction pairs. The first part of the sentence is negative, so we will use a negative conjunction pair. Hence, 'you have neither heart' is the most appropriate answer.

Sol.65.(d) been
'Has/have/had' takes the third form of the verb. 'Been' is the third form of 'be'. Hence, 'been' is the most appropriate answer.

Sol.66.(c) in the prehistoric era have proven
'Tracing the origin of horse domestication' is a singular subject that will take 'has proven' as a singular verb. Hence, 'in the prehistoric era has proven' is the most appropriate answer.

Sol.67.(a) Harden- less likely to change.
Ossified- fixed in attitude or position.
Amenable- happy to accept something.
Docile- quiet and easy to control.
Pliant- easily influenced or directed.

Sol.68.(b) To pick/take up the gauntlet- to accept a challenge.
E.g.- She took up the gauntlet when her skills were questioned during the debate.

Sol.69.(d) Delight- to feel great pleasure or happiness.
Fret- to worry or be anxious.
Agonize- to suffer extreme worry or distress.
Bother- to disturb or cause inconvenience.
Carp- to complain or find fault.

Sol.70.(d) questionaire
'Questionnaire' is the correct spelling.

Sol.71.(d) no article
'History' is an uncountable noun here, so we cannot indefinite article 'a/an'. Article 'the' cannot be used as the given sentence is referring to history in general. Hence, 'no article' is the most appropriate answer.

Sol.72.(b) securely
'Securely' means in a fixed or stable manner. The given sentence states that I have taken care that the door is locked and the window securely fastened. Hence, 'securely' is the most appropriate answer.

Sol.73.(b) Beyond a shadow of a doubt- for certain.

Sol.74.(a) Rage - intense, uncontrolled anger.
Sweetness- the quality of being sweet or pleasant.
Calmness- the quality of being peaceful.
Cumbersome- large or heavy and therefore difficult to carry or use.
Calamity- a great disaster or misfortune.

Sol.75.(a) We need to strike a balance between creating false alarms and letting any urgent medical matters fall through the cracks.
'Alarms', 'letting', 'urgent', 'matters', and 'through' are the correct spellings.

Sol.76.(b) falter
'Falter' means to lose confidence and determination. The given passage states that his speech had begun to falter. Hence, 'falter' is the most appropriate answer.

Sol.77.(d) another
'Another' means one more or a different one.The given passage states that his speech had begun to falter and he passed abruptly from one subject to another. Hence, 'another' is the most appropriate answer.

Sol.78.(d) persuaded
Persuaded means to convince or influence someone to do something.The given passage states that Konstantin with the help of Masha persuaded him not to go out anywhere. Hence, 'persuaded' is the most appropriate answer.

Sol.79.(d) desperately
'Desperately' means in a way that shows urgent need. The given passage states that Konstantin with the help of Masha got him to bed desperately drunk. Hence, 'desperately' is the most appropriate answer.

Sol.80.(b) stay
'Stay' means to be in the company of someone. The given passage states that Masha promised to write to Konstantin in case of need, and to persuade Nikolay Levin to go and stay with his brother. Hence, 'stay' is the most appropriate answer.

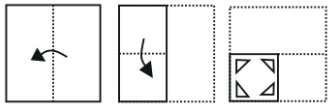
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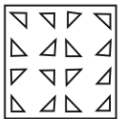
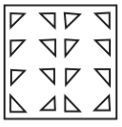
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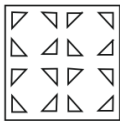
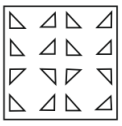
SSC GD Constable 26/02/2024 (4th Shift)

Reasoning

Q.1. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened?



(a)  (b) 

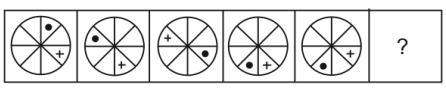
(c)  (d) 

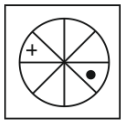
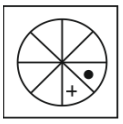
Q.2. Eight persons Reena, Kavita, Raman, Umesh, Rohit, Vikas, Monica and Priya are sitting around a square table in such a way that two persons sit on each side. All the persons are sitting facing the center of the table. Reena is sitting immediate right of Rohit and both of them are sitting on the same side. Monika faces the person who sits second to the left of Kavitha. Monika is sitting fourth to the right of Reena. Two persons sit between Vikas and Umesh (when counted from one side only) and Umesh sits adjacent to Rohit. Only one person sits between Monika and Raman (when counted from one side only). Who is sitting second to the left of Umesh ?
(a) Monika (b) Raman (c) Vikas (d) Reena

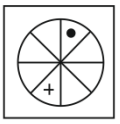
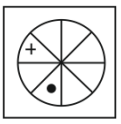
Q.3. If 'K × L' means 'K is the son of L'.
If 'K + L' means 'K is the daughter of L'.
If 'K÷ L' means 'K is sister of L'.
If 'K - L' means 'K is the wife of L'.
How is P related to M in the equation 'M ÷ N × O - P' ?
(a) Husband (b) Son
(c) Father (d) Brother

Q.4. Which two signs should be interchanged to make the given equation correct ?
18 × 3 + 15 ÷ 4 - 44 = 22
(a) × and ÷ (b) × and -
(c) + and ÷ (d) × and +

Q.5. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 

(c)  (d) 

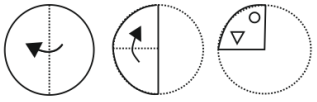
Q.6. Which of the following numbers will come in place of question mark (?) in the given series?
21, 15, 9, 3, - 3, ?
(a) 9 (b) 6 (c) - 6 (d) - 9

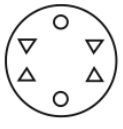
Q.7. Which of the following numbers will come in place of question mark (?) in the given series ?
176, 188, 200, 212, ?, 236
(a) 224 (b) 232 (c) 242 (d) 210

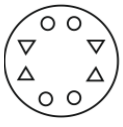
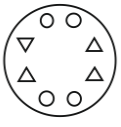
Q.8. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AQM, CSO, EUQ, GWS, ?
(a) JWU (b) JKU (c) IYU (d) IWV

Q.9. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
statement I : All reptiles are amphibians.
statement II : Some amphibians are frogs.
Statement III : Some frogs are turtles.
conclusion I : Some amphibians are not reptiles.
conclusion II : Some turtles are amphibians.
(a) Both conclusions I and II follow
(b) Only conclusion II follows
(c) Only conclusion I follows
(d) Neither conclusion I nor II follows

Q.10. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened



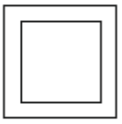
(a)  (b) 

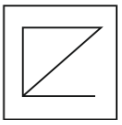
(c)  (d) 

Q.11. In the following question, select the related letter pair from the given alternatives.
BO : DR :: ?
(a) FS : HV (b) CZ : UX
(c) AI : DV (d) OT : OJ

Q.12. Select the figure that will replace the question mark (?) in the following figure series.



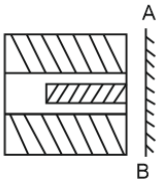
(a)  (b) 

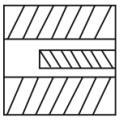
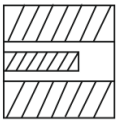
(c)  (d) 

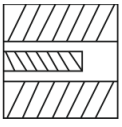
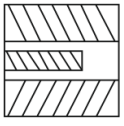
Q.13. Which one of the following group of letters when sequentially placed in the blank spaces will complete the letter series given below ?
pq_s_ _rsp_rspq
(a) rprr (b) rpqq (c) rrpq (d) pqrp

Q.14. Which two numbers should be interchanged to make the given equation correct ?
18 × 3 - 2 ÷ 4 + 7 = 59
(a) 7 and 3 (b) 18 and 4
(c) 3 and 2 (d) 2 and 4

Q.15. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure?



(a)  (b) 

(c)  (d) 

Q.16. Six persons R, S, T, U, V and W are sitting at a circular table facing outside. V sits immediate left of T. Only one person sits between T and R. R is not sitting next to V. Only S sits between R and U. Who is sitting to the immediate left of R?
(a) U (b) V (c) S (d) W

Q.17. In a certain code language, 'JUMPS' is written as '72196', 'MASKS' is

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written as '16315', and 'PUTE' is written as '2849'. How will 'K' be written in that code language ?
(a) 4 (b) 3 (c) 1 (d) 6

Q.18. In a certain code language, 'STOP' is written as 'VXRT'. How will 'WALK' be written in that code language?
(a) ZEPP (b) ZFOO (c) ZEOO (d) ZEOP

Q.19. Arrange the given words in English alphabetical order.
1. CELEBRATE 2. CELESTIAL 3. CELLO
4. CELEBRITY 5. CELLULOID
(a) 1, 2, 3, 4, 5 (b) 1, 4, 2, 3, 5
(c) 1, 4, 5, 2, 3 (d) 1, 4, 3, 2, 5

Q.20. From the following options, select the option which is related to the third word in the same way as the second word is related to the first word.
Tiger : Cub :: Elephant : ?
(a) puppy (b) elephant cub
(c) colt (d) lamb

General Awareness

Q.21. Bastar Dussehra festival is related to which state?
(a) Chhattisgarh (b) West Bengal
(c) Punjab (d) Uttar Pradesh

Q.22. James Augustus Hickey is also considered the father of _____.
(a) Indian journalism (b) photography
(c) Indian television (d) Indian media

Q.23. Which of the following countries shares the longest land border with India?
(a) Bangladesh (b) Pakistan
(c) China (d) Nepal

Q.24. Based on the recommendations of the Saxena Committee, in the year _____, the Ministry of Rural Development under the Government of India launched the Socio-Economic and Caste Census (SECC).
(a) 2009 (b) 2005 (c) 2014 (d) 2011

Q.25. National Dental Commission Bill, 2023 introduced by _____ ministry.
(a) Health and family welfare
(b) Finance
(c) Commerce and Industry
(d) Social justice and empowerment

Q.26. How many major theories have been established on the origin of iron in India?
(a) five (b) four (c) three (d) two

Q.27. When was the last fundamental duty added to Article 51 A, until 2023?
(a) 2022 (b) 2012 (c) 2000 (d) 2002

Q.28. The objective of which of the following five - year plans is 'establishment of a self-reliant and self-productive economy'?
(a) sixth (b) first (c) third (d) fifth

Q.29. _____ was the first Indian to win the All England Badminton Championships in 1980.
(a) Dhyan Chand (b) Sachin Tendulkar
(c) Kiran Bedi (d) Prakash Padukone

Q.30. Which of the following is the main source of textual material for the study of technique and grammar of body movements in Bharatanatyam dance?
(a) Nritya Saurabh (b) Musical drama
(c) Acting mirror (d) Natya Yoga

Q.31. What is the minimum age to become a member of Rajya Sabha?
(a) 35 (b) 40 (c) 25 (d) 30

Q.32. Washing soda, sodium carbonate decahydrate, used for washing (especially clothes) is a compound of efflorescent crystals _____.
(a) Hydrogen (b) Sodium
(c) Oxygen (d) carbon

Q.33. India defeated _____ in the final of the Asian Kabaddi Championship 2023 at the Dong-Eui Institute of Technology Seokdang Cultural Center in Busan, Republic of Korea in July 2023.
(a) Afghanistan (b) Pakistan
(c) China (d) Iran

Q.34. Which hockey team was the winner of the first Men's Hockey World Cup in 1971?
(a) Spain (b) England
(c) Pakistan (d) India

Q.35. The establishment of the Industrial Development Bank of India in 1964 was an important step towards which of the following objectives?
(a) Promotion of heavy industries
(b) To encourage small scale industries
(c) Supporting agricultural cooperatives
(d) Providing housing loans

Q.36. Who has been crowned Femina Miss India World 2023?
(a) Shikha Sharma
(b) Zarin Daruwala
(c) Nandini Gupta
(d) Thounaojam Strela Luwang

Q.37. The harvest festival, Lohri is celebrated in which of the following months?
(a) March (b) October
(c) December (d) January

Q.38. While calculating Net National Product (NNP), what is subtracted from Gross National Product (GNP)?
(a) Subsidies (b) Depreciation
(c) Personal income (d) Indirect taxes

Q.39. Which of the following artists is famous for playing Shehnai?
(a) Rajaratnam Pillai
(b) Ali Ahmed Hussain
(c) Hari Prasad Chaurasia
(d) N. Ramani

Q.40. Which of the following sports is played by Indian player Vikas Krishna Yadav?
(a) Tennis (b) Hockey
(c) Badminton (d) boxing

Quantitative Aptitude

Q.41. What is the value of $14 \times 8 + 42 \times 9 - 111 \div 3$?
(a) 453 (b) 463 (c) 443 (d) 433

Q.42. The profit earned on a mobile is 250 percent of its cost price. If the cost price is increased by 50 percent but the selling price remains unchanged, what is the new profit percentage?
(a) 150 percent (b) 100 percent
(c) 133.33 percent (d) 120 percent

Q.43. If the selling price of a shirt is 35 percent of its cost price, what is the loss percentage?
(a) 55 percent (b) 60 percent
(c) 65 percent (d) 70 percent

Q.44. E, F and G together can complete a work in 20 days. E and F together can complete the same work in 50 days. In how many days can G alone complete the same work?
(a) 35 days (b) $\frac{110}{3}$ days
(c) $\frac{100}{3}$ days (d) 32 days

Q.45. The compound interest received on Rs 24000 for 2 years (compounded half yearly) is Rs 25766.4. What is the annual interest rate?
(a) 60 percent (b) 20 percent
(c) 40 percent (d) 55 percent

Q.46. The perimeter of a rectangular table top is 70 m and its area is 300 m^2. What is the length of its diagonal?
(a) 15 meters (b) 20 meters
(c) 35 meters (d) 25 meters

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Q.47. Find the result of 15 - (2 × 4) + 7.
(a) 17 (b) - 6 (c) 14 (d) - 10

Q.48. Renson has three pieces of wood of length 91 m, 112 m and 49 m. If he wants to cut the wood into equal planks, what will be the maximum possible length (in m) of each plank?
(a) 7 (b) 3 (c) 21 (d) 19

Q.49. A principal amount is invested at simple interest at the rate of 8% per annum. After 2 years, the interest earned is $320. Find the principal amount.
(a) $2100 (b) $2000
(c) $2150 (d) $1800

Q.50. There are 17 consecutive odd numbers. If the average of the first 11 numbers is X, then what is the average of the last 6 numbers?
(a) X + 12 (b) X + 13
(c) X + 15 (d) X + 17

Q.51. A is three times as fast as B and B is twice as fast as C. If a journey is covered by C in 66 minutes, find the time taken by A.
(a) 10 minutes (b) 14 minutes
(c) 15 minutes (d) 11 minutes

Q.52. If P : Q = 5 : 3 and Q : R = 2 : 5, then what is the value of Q : (P + R)?
(a) 2 : 13 (b) 6 : 25 (c) 4 : 17 (d) 5 : 21

Q.53. The marked price of an article is 160 percent of the cost price. , If a discount of 35 percent is given, what will be the profit percentage?
(a) 5 percent (b) 4 percent
(c) 4.5 percent (d) 6 percent

Q.54. X alone can complete a work in 20 days and Y alone can complete the same work in 50 days. They both start the work together but after 5 days X left the work . How much time will Y take to complete the remaining work?
(a) 35 days (b) 32.5 days
(c) 37 days (d) 36 days

Q.55. The current population of a city is 91260. It increases at the rate of 30 percent every year. What was the population of this city 2 years ago?
(a) 65000 (b) 54000
(c) 70200 (d) 60000

Q.56. The marked price of an article is Rs 1960. If 30 percent discount is given on that item, what will be the selling price of the item?
(a) Rs 1522 (b) Rs 1442
(c) Rs 1342 (d) Rs 1372

Q.57. If L is 3 times more than M, then by what percent is M less than L?
(a) 81 percent (b) 75 percent
(c) 78 percent (d) 72 percent

Q.58. Two numbers are in the ratio 8 : 9. If the sum of both the numbers is 102, then what is the difference between the two numbers?
(a) 6 (b) 9 (c) 17 (d) 8

Q.59. The average age of Sita and Geeta is 40 years. If Ritu takes the place of Sita, the average age will become 38 years and if Ritu takes the place of Geeta, the average age will become 42 years. What are the ages of Sita, Geeta and Ritu respectively?
(a) 36 years, 42 years and 38 years
(b) 44 years, 36 years and 40 years
(c) 39 years, 42 years and 45 years
(d) 42 years, 36 years and 38 years

Q.60. What is the value of
$\frac{81}{13} \div (\frac{176}{16} - \frac{98}{49}) \times \frac{2197}{169}$?
(a) 9 (b) 117 (c) 81 (d) 13

English

Q.61. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
It was interesting to be in the (quite old town one more).
(a) No correction required
(b) quite vintage town once more
(c) quiet old town once more
(d) quiet old town once much more

Q.62. Fill in the blank with the most appropriate option.
In the morning we were up at _____ of day, and down to the nigger cabins to pet the dogs.
(a) breech (b) break (c) breach (d) brake

Q.63. Choose the most appropriate antonym of the underlined word.
Venus was the quiet one: **pensive** and observant of everything around her.
(a) Thoughtful (b) Ignorant
(c) Reflective (d) Pondering

Q.64. Select the incorrectly spelt word from the given sentence.
A strong business acumen and entreprenurial fire have always separated him from his peers.
(a) acumen (b) peers
(c) business (d) entreprenurial

Q.65. Select the most appropriate synonym of the given word.
Purview
(a) Domain (b) Depth
(c) Extreme (d) Limitation

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
My cousin's watch is more elegant than your old watch.
(a) more elegant than
(b) No error
(c) My cousin's watch is
(d) your old watch.

Q.67. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
If acid drainage will reaches groundwater, it may persist for decades or centuries.
(a) No error
(b) If acid drainage will reaches
(c) for decades or centuries
(d) groundwater, it may persist

Q.68. Select the most appropriate option for the given blank.
_____ a bite and tell me how it is.
(a) Take (b) Make (c) Keep (d) Gain

Q.69. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The rabbit lead the boy toward the outskirts the of the city.
(a) outskirts of the city
(b) The rabbit lead the
(c) boy towards the
(d) No error

Q.70. Select the most appropriate word to fill in the blank.
A large_____of elderly people live alone.
(a) number (b) quantity
(c) value (d) capacity

Q.71. Select the most appropriate meaning of the given idiom.
See eye to eye.
(a) To fight with someone.
(b) To speak aggressively.
(c) To be spontaneous.
(d) To share the same opinion as someone.

Q.72. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I <u>can make fresh</u> coffee if you'd like some.
(a) No improvement
(b) can made fresher

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(c) should makes freshest
(d) can made freshest

Q.73. Select the sentence with no spelling errors.
(a) Intangible cultural heritage cuts across political, historical, comunity and cultural spheres.
(b) Intangible cultural heritage cuts across political, historical, community and cultural spheres.
(c) Intangible cultural heritage cuts across cross political, historical, community and culturel spheres.
(d) Intangible cultural heritage cuts across polatical, historical, community and cultural spheres.

Q.74. Fill in the blank with the most appropriate option.
He _____ pardon, and was getting into the carriage, but felt he must glance at her once more.
(a) asked (b) said (c) adjured (d) begged

Q.75. Select the most appropriate meaning of the given idiom.
Pull a fast one.
(a) To produce something that is needed.
(b) To adjust in a difficult situation.
(c) To help someone urgently.
(d) To deceive someone.

Cloze Test :
Direction :- [Q.76. to Q.80.]
Lions are carnivores, which means they only (76) _____ meat. They will eat almost any animal they can catch, however the most of the time it is buffalo, zebra, giraffe, warthog, and antelope species. If the (77) _____ arises, they will also prey on the young of larger mammal species (78) _____ as rhinos and elephants. The majority of the preys will weigh between 50 and 300kg. Male lions can eat approximately 7 kg of meat per day, (79) _____ females eat approximately 4.5 kg. Both are (80) _____ of consuming up to 15% of their body weight in a single meal!

Q.76. (a) consume (b) abduct
(c) churn (d) tolerate

Q.77. (a) condition (b) capacity
(c) opportunity (d) state

Q.78. (a) such (b) SO (c) like (d) that

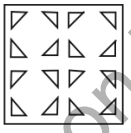
Q.79. (a) Yet (b) As (c) While (d) Rather

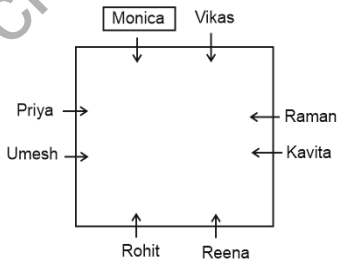
Q.80. (a) veteran (b) capable
(c) trained (d) susceptible

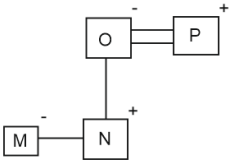
Answer Key :-

1.(c)	2.(a)	3.(c)	4.(a)
5.(b)	6.(d)	7.(a)	8.(c)
9.(d)	10.(c)	11.(a)	12.(a)
13.(b)	14.(d)	15.(c)	16.(d)
17.(b)	18.(c)	19.(b)	20.(b)
21.(a)	22.(a)	23.(a)	24.(d)
25.(a)	26.(d)	27.(d)	28.(c)
29.(d)	30.(c)	31.(d)	32.(b)
33.(d)	34.(c)	35.(a)	36.(c)
37.(d)	38.(b)	39.(b)	40.(d)
41.(a)	42.(c)	43.(c)	44.(c)
45.(c)	46.(d)	47.(c)	48.(a)
49.(b)	50.(d)	51.(d)	52.(b)
53.(b)	54.(b)	55.(b)	56.(d)
57.(b)	58.(a)	59.(b)	60.(a)
61.(c)	62.(b)	63.(b)	64.(d)
65.(a)	66.(b)	67.(b)	68.(a)
69.(b)	70.(a)	71.(d)	72.(a)
73.(b)	74.(d)	75.(d)	76.(a)
77.(c)	78.(a)	79.(c)	80.(b)

Solutions :-

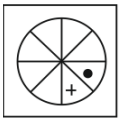
Sol.1.(c)


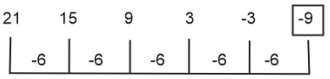
Sol.2.(a)


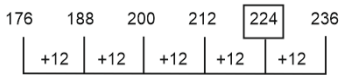
Sol.3.(c)


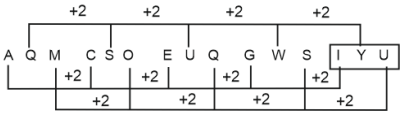
P is the father of M.

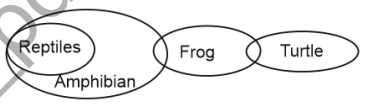
Sol.4.(a)
Given :- 18 × 3 + 15 ÷ 4 - 44 = 22
After going through all the options, option (a) satisfied.
18 ÷ 3 + 15 × 4 - 44
6 + 60 - 44 ⇒ 66 - 44 = 22
L.H.S. = R.H.S.

Sol.5.(b)


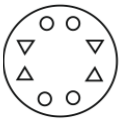
Sol.6.(d)


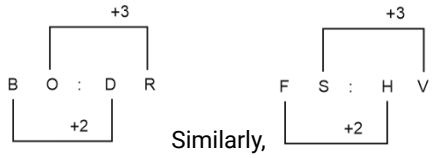
Sol.7.(a)


Sol.8.(c)


Sol.9.(d)


Neither conclusion I nor II follow.

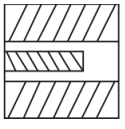
Sol.10.(c)


Sol.11.(a)


Sol.12.(a)


Sol.13.(b) pq / rs/p q /rs / pq /rs /pq

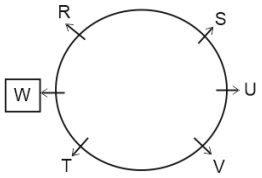
Sol.14.(d) Given :- 18 × 3 - 2 ÷ 4 + 7 = 59
After going through all the options, option (d) satisfies. After interchanging 2 and 4 we get
18 × 3 - 4 ÷ 2 + 7 ⇒ 54 - 2 + 7 = 59
L.H.S. = R.H.S.

Sol.15.(c)


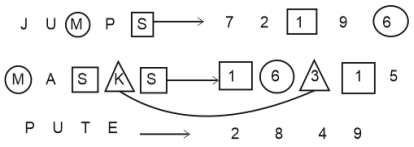
Sol.16.(d)

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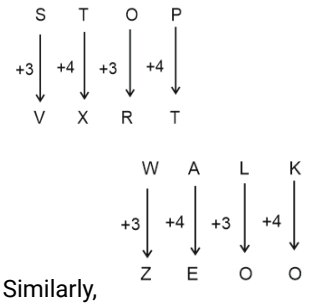


Sol.17.(b)



Here the code of K can be either 3 or 5 but in option, 3 is given. The correct answer is 3.

Sol.18.(c)



Similarly,

Sol.19.(b) The correct order is :-
Celebrate(1) → Celebrity(4)
→ Celestial(2) → Cello(3) → Celluloid(5)

Sol.20.(b) As the baby tiger is known as a cub, similarly the baby elephant is known as an elephant cub .

Sol.21.(a) Chhattisgarh.
The Bastar Dussehra festival is celebrated for 75 days, making it one of the longest festivals in the world. Other Famous Festivals of Chhattisgarh: The Madai Festival, Rajim Kumbh, Goncha Festival, Kajari Festival, Pola Festival, Chakradhar Samaroh, Hareli Festival, Fagun Wari.

Sol.22.(a) Indian journalism.
James Augustus Hickey laid the foundation of independent journalism in India by establishing the very first English newspaper, which he named the Bengal Gazette in 1780.

Sol.23.(a) Bangladesh (4096.7 km). Border countries of India: China (3488), Pakistan (3323), Nepal (1751), Myanmar (1643), Bhutan (699), Afghanistan (106). India has 15,106.7 km of land border and a coastline of 7,516.6 Km including island territories.

Sol.24.(d) 2011. The Socio-Economic and Caste Census (SECC) of 2011 was the first caste-based census since the 1931 Census of India. It was launched on 29 June 2011 from Sankhola village in the Hazemara block of West Tripura district. It was also the first paperless census in India, conducted across 640 districts.

Sol.25.(a) Health and family welfare ministry is responsible for all government programs relating to family planning in India. The National Dental Commission Act 2023 will introduce a groundbreaking regulatory framework by establishing the National Dental Commission (NDC), which will replace the existing Dental Council of India (DCI) and repeal the Dentists Act, 1948.

Sol.26.(d) Two. There are two main theories about how iron came to India: the external origin theory and the indigenous origin theory. The external origin theory, by R.E.M. Wheeler suggests that iron was brought to India by the Achaemenids around the fifth century BCE. The indigenous origin theory posits that iron technology developed independently in India, based on local iron ore, tribal records, and archaeological findings.

Sol.27.(d) 2002. The 86th Amendment Act added the 11th Fundamental Duty to Article 51A under Part IV-A of the Indian Constitution. This duty mandates that it is the responsibility of every parent or guardian to provide educational opportunities for children between the ages of 6 and 14.

Sol.28.(c) Third : This Five-Year Plan (1961–1966), also known as the Gadgil Yojana after D. R. Gadgil, aimed for a 5.6% growth but achieved only 2.8%. It failed to meet targets due to unforeseen events like the Chinese aggression (1962), Indo-Pak war (1965), and the severe drought of 1965-66.

Sol.29.(d) Prakash Padukone was ranked World No. 1 in 1980. He was awarded the Arjuna Award in 1972 and the Padma Shri in 1982. Indian Badminton Players: Chirag Shetty, PV Sindhu, Lakshya Sen, Saina Nehwal, Satwiksairaj Rankireddy.

Sol.30.(c) Abhinaya Darpana: It was written by Nandikesvara as one of the main sources of textual material, for the study of the technique and grammar of body movement in Bharatnatyam Dance. Bharatnatyam , a classical dance form of Tamil Nadu, is also known for ekaharya, where a single dancer performs multiple roles in one performance.

Sol.31.(d) 30. The Rajya Sabha, or Council of States, is the upper house of the Indian Parliament. The minimum ages for other Constitutional positions are: President (35), Governor (35), Lok Sabha member (25), Member of Legislative Assembly (25), and Member of Legislative Council (30).

Sol.32.(b) Sodium. Washing soda is a chemical compound with the formula Na_2CO_3, known as sodium carbonate, and it is a salt of carbonic acid. Sodium carbonate is a white, odorless, water-soluble salt that acts as a strong base and is alkaline with a pH of 11. When it crystallizes with water, it forms sodium carbonate decahydrate ($Na_2CO_3 \cdot 10H_2O$).

Sol.33.(d) Iran. 2023 Asian Kabaddi Championship is the 11th edition, first edition was held in 1980. Kabaddi is played between two teams of seven players each. The objective is for a player, known as a raider, to cross into the opposing team's half and tag as many defenders as possible before returning to their own half. A match consists of two halves, each lasting 20 minutes (for a total of 40 minutes), with a 5-minute break in between.

Sol.34.(c) Pakistan. The 1971 Men's Hockey World Cup took place in Barcelona, Spain. The venue was the Real Club de Polo. The runner-up was Spain, and the third place was secured by India. Field hockey is played on a 91.4-meter long and 55-meter wide outdoor field with two teams of 11 players each.

Sol.35.(a) Promotion of heavy industries. The IDBI Bank is a Scheduled Commercial Bank under the ownership of Life Insurance Corporation of India (49.24%) and Government of India (45.5%). The bank was founded on 1 July 1964, and its headquarters are in Mumbai, Maharashtra.

Sol.36.(c) Nandini Gupta (Rajasthan). Femina Miss India 2023 was the 59th edition of the Femina Miss India beauty pageant. Venue - Indoor Stadium, Khuman Lampak Sports Complex, (Imphal), Manipur. Runner-up - Shreya zPoonja (Delhi). 3rd place - Thounaojam Strela Luwang (Manipur).

Sol.37.(d) January. Lohri is a festival celebrated in the winter months in the northern Indian states of Punjab, Haryana, Himachal Pradesh, and Jammu

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and Kashmir. Other Harvest Festivals: Pongal in Tamil Nadu, Bhogali Bihu in Assam, Onam in Kerala, Nuakhai in Odisha.

Sol.38.(b) Depreciation. Net National Product (NNP) is calculated by subtracting depreciation (the value of wear and tear on the country's capital goods) from Gross National Product (GNP). Depreciation represents the loss in value of capital assets due to use and obsolescence. NNP = GNP - Depreciation.

Sol.39.(b) Ali Ahmed Hussain.
Instruments and Indian musicians: Shehnai- Bismillah Khan, Krishna Ram Chaudhary. Flute- Hari Prasad Chaurasia, Pannalal Ghosh, TR Mahalingam. Ghatam - TH Vinayakram, EM Subramaniam. Tabla- Zakir Hussain, Allah Rakha, Sabir Khan

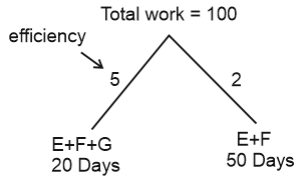
Sol.40.(d) Boxing is a combat sport and martial art that takes place in a boxing ring. Famous Indian Boxers: Mary Kom, Vijender Singh, Amit Panghal, Lovlina Borgohain, Laishram Sarita Devi, Hawa Singh, Dingko Singh, Nikhat Zareen.

Sol.41.(a) $14 \times 8 + 42 \times 9 - 111 \div 3$
$= 14 \times 8 + 42 \times 9 - 37$
$= 112 + 378 - 37 = 453$

Sol.42.(c) Let the cost price = 100 unit
Profit = 250 unit then selling price
= 350 unit
If 50% increase in cost price then new cost price = 150 unit
Profit % = $\frac{200}{150} \times 100 = 133.33\%$

Sol.43.(c) $35\% = \frac{7}{20}$
$\frac{selling\ price}{cost\ price} = \frac{7}{20}$
Loss % = $\frac{13}{20} \times 100 = 65\%$

Sol.44.(c)



Time taken to complete the work by G
= $\frac{100}{3}$ days

Sol.45.(c) $\frac{A}{P} = \frac{49766.4}{24000}$
Multiplying factor of one year
$= \sqrt[4]{\frac{49766.4}{24000}} = \frac{12}{10}$
Rate = $\frac{2}{10} \times 100 = 20\%$
Therefore annually rate = $20 \times 2 = 40\ \%$

Sol.46.(d) According to question,
$2(l + b) = 70\ m \Rightarrow (l + b) = 35\ m$
$l \times b = 300\ m^2$
$l^2 + b^2 = (l + b)^2 - 2lb$
$= (35)^2 - 2 \times 300 = 1225 - 600 = 625$
Hence diagonal of square table
$= \sqrt{l^2 + b^2} = \sqrt{625} = 25\ m$

Sol.47.(c) $15 - (2 \times 4) + 7$
$= 15 - 8 + 7 = 14$

Sol.48.(a) maximum possible length
= H.C.F.(91 , 112, 49) = 7

Sol.49.(b) $P = \frac{S.I. \times 100}{R \times T}$
$= \frac{320 \times 100}{8 \times 2} = \$2000$

Sol.50.(d) if average of first 11 odd number are X
Then last 6 number are (X + 12) , (X + 14) ,(X + 16), (X + 18) ,(X + 20) ,(X + 22)
Therefore average
$= \frac{(X + 16) + (X + 18)}{2} = (X + 17)$

Sol.51.(d)

A	B	C
3	1	) × 2
	2	1
6	2	1

Total distance = $1 \times 66 = 66$ unit
Hence time taken by A to complete the journey = $\frac{66}{6}$ = 11 minute

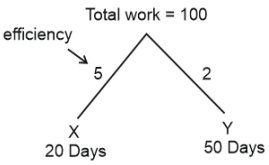
Sol.52.(b)

P	Q	R
5	3	) × 2
2	5	) × 3
10	6	15

Therefore Q : (P + R)
= 6 : (10 + 15) ⇒ 6 : 25

Sol.53.(b) $\frac{marked\ price}{cost\ price} = \frac{160}{100}$
Selling price = $\frac{160 \times 65}{100} = 104$
Profit % = $\frac{4}{100} \times 100 = 4\%$

Sol.54.(b)



Work done by (x + y) in 5 days
= 5 × 7 = 35 unit
Time taken by Y to complete the remaining work = $\frac{100 - 35}{2}$ = 32.5 days

Sol.55.(b) population of city before 2 years = $91260 \times \frac{10}{13} \times \frac{10}{13} = 54000$

Sol.56.(d) selling price of article
= $\frac{1960 \times 70}{100}$ = Rs. 1372

Sol.57.(b) L : M = 4 : 1
$\frac{3}{4} \times 100 = 75\ \%$

Sol.58.(a) Let the numbers are 8x and 9x
17x = 102 ⇒ x = 6
Since difference between both numbers
= 9x - 8x = x = 6

Sol.59.(b) Sum of age of sita and geeta
= 40 × 2 = 80 year
Sum of age of ritu and geeta
= 38 × 2 = 76 year
Sum of age of sita and ritu
= 42 × 2 = 84 year
Sum of ages of ritu , sita and geeta
= $\frac{80 + 76 + 84}{2}$ = 120 years
Therefore age of sita = 44 years similarly age of geeta = 36 years and age of ritu = 40 years

Sol.60.(a) $\frac{81}{13} \div (\frac{176}{16} - \frac{98}{49}) \times \frac{2197}{169}$
$= \frac{81}{13} \div (11 - 2) \times \frac{2197}{169}$
$= \frac{81}{13} \times \frac{1}{9} \times \frac{2197}{169} = \frac{9 \times 2197}{2197} = 9$

Sol.61.(c) quiet old town once more 'One' must be replaced with 'once'. 'Once more' means one more time. 'Quite' must be replaced with 'quiet' to indicate the peaceful atmosphere of the village. Hence, 'quiet old town once more' is the most appropriate answer.

Sol.62.(b) break
'Break of day' means early morning when the Sun starts to appear in the sky. Hence, 'break' is the most appropriate answer.

Sol.63.(b) Ignorant- lacking knowledge or awareness in general.
Pensive- thinking in a quiet way, often with a serious expression on your face.
Thoughtful- showing consideration for the needs of other people.
Reflective- relating to or characterized by deep thought.
Pondering- thinking about (something)

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carefully, especially before making a decision or reaching a conclusion.

Sol.64.(d) entreprenurial
'Entrepreneurial' is the correct spelling.

Sol.65.(a) Domain- an area of interest or an area over which a person has control.
Purview- the limit of someone's responsibility, interest, or activity.
Depth- the distance from the surface to the bottom of something.
Extreme- very large in amount or degree.
Limitation- restriction.

Sol.66.(b) No error
The given sentence is grammatically correct.

Sol.67.(b) If acid drainage will reaches
The given sentence is an example of the first conditional sentence and the correct grammatical structure is "if + simple present…….will/can/may/might $+V_1$". Hence, 'If acid drainage reaches' is the most appropriate answer.

Sol.68.(a) Take
'Take' is the correct verb to use with 'bite'. 'Take a bite' means to bite into a piece of food to taste. In the given sentence, the speaker is asking us to take a bite and tell him how it is. Hence, 'Take' is the most appropriate answer.

Sol.69.(b) The rabbit lead the
'The rabbit' is a singular subject that will take 'leads' as a singular verb. Hence, 'The rabbit leads the' is the most appropriate answer.

Sol.70.(a) number
'A large number' is used with plural countable nouns. 'People' is a plural noun. Hence, 'number' is the most appropriate answer.

Sol.71.(d) See eye to eye- to share the same opinion as someone.
E.g.- The committee members see eye to eye on the new regulations.

Sol.72.(a) No improvement
The given sentence is grammatically correct.

Sol.73.(b) Intangible cultural heritage cuts across political, historical, community and cultural spheres.
'Cultural', 'political', and 'Community' are the correct spellings.

Sol.74.(d) begged
'Beg' is the correct verb to use with pardon. 'Beg pardon' means to apologise about something that you did wrong. The given sentence states that he begged pardon, and was getting into the carriage, but felt he must glance at her once more. Hence, 'begged' is the most appropriate answer.

Sol.75.(d) Pull a fast one- to deceive someone.
E.g.- They pulled a fast one with that fake sale.

Sol.76.(a) consume
'Consume' means to eat. The given passage states that lions are carnivores, which means they only consume meat. Hence 'consume ' is the most appropriate answer.

Sol.77.(c) opportunity
'Opportunity' is a chance to benefit from or take advantage of a situation. The given passage states that if the opportunity arises, they will also prey on the young of larger mammal species. Hence, 'opportunity' is the most appropriate answer.

Sol.78.(a) such
'Such as' is used to give specific examples. The given passage mentions rhinos and elephants as examples of larger mammal species. Hence, 'such' is the most appropriate answer.

Sol.79.(c) While
'While' is used to indicate the difference or contrast between two ideas or statements. The given passage states the amount of meat eaten by a male and female lion to show the difference between them. Hence, 'while' is the most appropriate answer.

Sol.80.(b) capable
The word 'capable' takes the preposition 'of' after it. The correct structure is 'capable of doing something'. Hence, 'capable' is the most appropriate answer.

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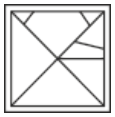
SSC GD Constable 27/02/2024 (1st Shift)

Reasoning

Q.1. In a certain code language, 'YOUNG' is coded as '25796', 'WOULD' is coded as '80532', 'CANDY' is coded as '49163'. What can be the code for 'Y' in that code language ?
(a) 7 (b) 2 (c) 9 (d) 5

Q.2. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.3. A is the father of B. B is the brother of C. C is the husband of D. D is the sister of E. E is the mother of F. F is the daughter of G. How is D related to F ?
(a) Father (b) Mother's sister
(c) Sister (d) Mother

Q.4. Which letter should be in place of the question mark (?) in the following series?
M, G, L, H, K, I, J, J, ?
(a) L (b) I (c) K (d) O

Q.5. Five individuals P, Q, R, S, and T are seated at a circular table facing away from each other. R is to the immediate left of P. S is in between Q and R. Who is sitting to the immediate left of Q ?
(a) R (b) S (c) P (d) T

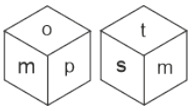
Q.6. In a certain code language, 'HOST' is coded as '9724', 'KINDO' is coded as '45310'. 'KNOWS' is coded as '37654'. What is the code for 'W' in that code language ?
(a) 5 (b) 4 (c) 7 (d) 6

Q.7. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster and the second letter cluster is related to the first letter cluster.
PIG : OQHJFH : : KIN : JLHJMO : : LED : ?
(a) KMDFCE (b) MKFDEC
(c) ECFDMK (d) CEDFKM

Q.8. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
st_vwst_vwstuv_stuvwstuvwstu_w
(a) uwuv (b) uuwv (c) uuuv (d) wuvu

Q.9. Arrange the given words in alphabetical order:
1. Response 2. Reporter 3. Reaction
4. Registration 5. Relevant
(a) 2, 5, 1, 3, 4 (b) 5, 1, 4, 2, 3
(c) 3, 4, 5, 2, 1 (d) 4, 5, 1, 2, 3

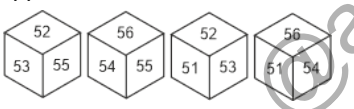
Q.10. Two different positions of the same dice are given below. Find the letter opposite of s.



(a) o (b) p (c) t (d) m

Q.11. In the following question, select the missing number from the given series.
5, 34, 1, 38, -3, ?
(a) 40 (b) 44 (c) 47 (d) 42

Q.12. Four different positions of the same dice are given below. Find the number opposite of 51.



(a) 53 (b) 55 (c) 52 (d) 54

Q.13. If 60 @ 35 # 15 * 6 = -65 and 40 @ 30 # 6 * 7 = -32, then 90 @ 10 # 6 * 5 = ?
(a) 70 (b) 60 (c) 65 (d) 50

Q.14. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

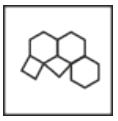
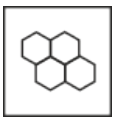
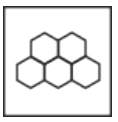


(a) 
(b) 
(c) 
(d) 

Q.15. P, Q, R, S, T, U and V are seven friends sitting in a single row facing North. S is to the immediate right of R. T and P are neighbours of U.
Q is to the immediate left of R and on second place from left most end. P is at the right most end. Who is sitting on the immediate left of S ?
(a) R (b) T (c) Q (d) U

Q.16. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

Q.17. By Interchanging the given two numbers, which of the following equation will be correct ?
5 and 9
(a) 5 + 9 × 2 - 3 = 18 (b) 5 - 9 + 6 = 10
(c) 5 - 3 + 9 = 4 (d) 5 + 3 × 2 - 9 = 12

Q.18. Select the option that is related to the third word in the same way as the second word is related to the first word.
New York : United States : : Sydney : ?
(a) Japan (b) England
(c) Australia (d) Canada

Q.19. Which of the following numbers will replace the question mark (?) in the given series ?
165, ?, 195, 210, 225, 240
(a) 180 (b) 185 (c) 192 (d) 172

Q.20. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements :
I. All red are green.
II. Some pink are green.
Conclusions :
I. Some pink are not red.
II. All green are red.
III. Some green are red.
(a) Both conclusions I and II follows
(b) All conclusion follows
(c) Neither conclusion follows
(d) Only conclusion III follows

General Awareness

Q.21. Which late veteran tribal leader of Tripura received the Padma Shri posthumously in 2023 ?
(a) Sindhu Chandra Jamatia
(b) Bhaba Ranjan Reang
(c) Araber Rahaman
(d) Narendra Chandra Debbarma

Q.22. In which of the following years, NABARD sanctions the Action Research

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Project to MYRADA?
(a) 1981 (b) 1987 (c) 1985 (d) 1983

Q.23. Which country hosted the FIFA U -17 Women's World Cup 2022 ?
(a) Nigeria (b) Germany
(c) India (d) Spain

Q.24. Which of the following is the reason for unemployment ?
(a) Good education system
(b) Large migration to a particular area
(c) Slow population growth
(d) Fast economic growth

Q.25. In Himachal Pradesh, which of the following is a floral festival ?
(a) Baisakhi festival (b) Doongri festival
(c) Chaitraul festival (d) Phulaich festival

Q.26. Orunodoi 2.0 is launched by which of the following states ?
(a) Jharkhand (b) Rajasthan
(c) Manipur (d) Assam

Q.27. Who is often referred to as the "Mother of Modern Bharatanatyam" ?
(a) Mallika Sarabhai
(b) Rukmini Devi Arundale
(c) Sanjukta Panigrahi
(d) Mrinalini Sarabhai

Q.28. What was the primary purpose of the "Intensive Agricultural District Program (IADP)" launched during the Green Revolution in India ?
(a) Implementing land reforms
(b) Promoting organic farming
(c) Increasing agricultural productivity in specific districts
(d) Boosting the cultivation of cash crops

Q.29. Article 126 of the Indian Constitution mentions _____.
(a) Appointment of acting Chief Justice of India
(b) Supreme Court to be a court of record
(c) Seat of Supreme Court
(d) Appointment of ad hoc Judges

Q.30. Which of the following sports is played by Dipika Pallikal Karthik ?
(a) Cricket (b) Squash
(c) Boxing (d) Table Tennis

Q.31. Who of the following was one of the stalwarts of a renaissance in Koodiyattam ?
(a) Makar Dhwaja Darogha
(b) P.K Kunju Kurup
(c) Amubi Singh
(d) Ammannur Madhava Chakyar

Q.32. Which of the following is the SI unit of temperature ?
(a) Kelvin (K) (b) Pascal (Pa)
(c) Fahrenheit (F) (d) Celsius (°C)

Q.33. According to the 2011 Census of India, at all India level, the adult (15 + years) literacy rate is _____.
(a) 65.3 percent (b) 73.3 percent
(c) 69.3 percent (d) 63.3 percent

Q.34. Ustad Zakir Hussain plays _____.
(a) Tabla (b) Sitar (c) Guitar (d) Santoor

Q.35. Who has been conferred with the Grand Cross of the Order of Honour by the President of Greece in August 2023 ?
(a) Piyush Goyal (b) Narendra Modi
(c) Jagdeep Dhankhar (d) Om Birla

Q.36. Proposed by Lord Lytton, then viceroy of India (governed 1876-80), the act was intended to prevent the vernacular press from expressing criticism of British policies-notably, the opposition that had grown with the outset of the Second _____(1878 - 80).
(a) Anglo-Afghan War
(b) Portuguese-Afghan War
(c) Anglo-Mysore War
(d) Anglo-French War

Q.37. The wrestler must be at least _____ years old, and must be sponsored by the national federation, to compete at the World Championships or Olympic Games.
(a) 25 (b) 21 (c) 17 (d) 23

Q.38. Complete the sentence. "Most of Ashoka's inscriptions _____".
(a) were in Prakrit and were written in the Brahmi script
(b) were in Brahmi and were written in the Prakrit script
(c) were in Sanskrit and were written in the Brahmi script
(d) were in Prakrit and were written in the Devnagri script

Q.39. As of May 2022, which of the following is NOT a part of Article 19 of the Indian Constitution ?
(a) To assemble peaceably and without arms
(b) Right to Property
(c) To move freely throughout the territory of India
(d) To form associations or unions

Q.40. Which of the following is example of White Goods?
(a) Air Conditioners and LED Lights
(b) Pharmacy products
(c) Imported items
(d) Agricultural equipment

Quantitative Aptitude

Q.41. D alone can complete half of a work in 100 days. In 47 days what percentage of the work will be completed by D ?
(a) 23.5 percent (b) 20.5 percent
(c) 21 percent (d) 26.5 percent

Q.42. The difference between compound interest (compounding annually) and simple interest on a sum of Rs. 10,00,000 for 2 years is Rs. 2401. Find the rate of interest per annum.
(a) 4.9% (b) 6.1% (c) 5.0% (d) 5.2%

Q.43. By selling a cup for Rs. 1792 a man earns a profit of 12 percent. If he sells it for Rs. 1472, then what will be the loss percent ?
(a) 8 percent (b) 12 percent
(c) 15 percent (d) 6 percent

Q.44. What is the value of
$8500 \div 5 + 24 \times 6 - 122 \times 3$?
(a) 1214 (b) 1178 (c) 1532 (d) 1478

Q.45. The ratio of the present age of the two brothers is 11 : 13 and 6 years ago the ratio of their ages was 4 : 5. What will be the ratio of their ages after 5 years ?
(a) 22 : 29 (b) 31 : 34
(c) 27 : 31 (d) 17 : 19

Q.46. The average marks of 17 students was 180. But later it was found that the score of one student was wrongly entered as 72 instead of 27. What is the correct average of their score ?
(a) 183.36 (b) 178.98
(c) 177.35 (d) 180.25

Q.47. If p percent of p is 729, then what is the value of p ?
(a) 270 (b) 170 (c) 330 (d) 230

Q.48. Parallel sides of a trapezium are 15 cm and 16 cm and its area is 961 cm^2. What is the distance between parallel sides ?
(a) 15.5 cm (b) 93 cm
(c) 31 cm (d) 62 cm

Q.49. The average of 5 consecutive numbers is 19. Find the largest of these numbers.
(a) 23 (b) 29 (c) 21 (d) 17

Q.50. A man buys 15 mangoes for a rupee. How many mangoes had he sold for a rupee so that there is a loss of 25 percent ?
(a) 17 (b) 20 (c) 38 (d) 28

Q.51. If G : H = 3 : 7, then what is the value of G : (G + H) ?

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(a) 10 : 3 (b) 6 : 7 (c) 3 : 10 (d) 3 : 7

Q.52. The simple interest received on a sum is $\frac{81}{100}$ of the sum. The number of years is equal to the annual rate of interest. What is the annual rate of interest ?
(a) 12.5 percent (b) 10.5 percent
(c) 9 percent (d) 11 percent

Q.53. Amit is thrice as good a workman as Vinit and therefore is able to finish a work in 32 days less than Vinit. In how many days can they together complete the same work ?
(a) 24 days (b) 48 days
(c) 12 days (d) 36 days

Q.54. Manav starts from a place A and reaches the place B in 29 hours. He travels $\frac{2}{9}$ distance at the speed of 9 km/hr and the remaining distance at the speed of 12 km/hr. What is the distance between A and B ?
(a) 264 km (b) 324 km
(c) 376 km (d) 208 km

Q.55. A shirt is marked at ₹1200, and a discount of 15% is offered. Find the selling price of this shirt.
(a) Rs. 1290 (b) Rs. 1200
(c) Rs. 1020 (d) Rs. 1270

Q.56. What is the value of
22 ÷ (9 - 1 + 7 × 2) + 24 of 9 ?
(a) 215 (b) 216 (c) 217 (d) 218

Q.57. What is the value of
897 ÷ 13 + 15 × 15 - 27 ?
(a) 275 (b) 272 (c) 271 (d) 267

Q.58. Instead of increasing a number successively by 40 percent and 60 percent, it is decreased by 44 percent. Resultant value is what percentage of the required correct value ?
(a) 20 percent (b) 50 percent
(c) 25 percent (d) 28 percent

Q.59. On Selling a watch at $\frac{3}{10}$ of the marked price there is a loss of 16 percent. What will be the ratio of the marked price and cost price of the watch ?
(a) 7 : 4 (b) 8 : 5 (c) 14 : 5 (d) 19 : 8

Q.60. What is the value of
100 × 10 - 100 + 3000 ÷ (100 × 10) ?
(a) 970 (b) 1003 (c) 903 (d) 1030

English

Q.61. Select the incorrectly spelt word from the given sentence.
Kids who weren't restrained at all definitly suffered the consequences.
(a) definitly (b) restrained
(c) suffered (d) consequences

Q.62. Select the sentence with no spelling errors.
(a) Remember that intrnational travellers have to now get tested and quarantine after they land in the country.
(b) Remember that international travellers have to now get tested and quarantine after they land in the contry.
(c) Remember that international travellers have to now get tested and quarantine after they land in the country.
(d) Remember that international travellers have to now get tested and quarentine after they land in the country.

Q.63. Select the most appropriate antonym of the given word.
Intricate
(a) Harmony (b) Simple
(c) Blocked (d) Complex

Q.64. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Sneha worked really harder for this event, but unfortunately it got cancelled.
(a) for this event, but
(b) No error
(c) Sneha worked really harder
(d) unfortunately it got cancelled

Q.65. Choose the most appropriate antonym of the underlined word
As children, I think things can be around you, but you really just retain the information that feels **pertinent** or important to you.
(a) Related (b) Apt
(c) Irrelevant (d) Proper

Q.66. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
An hour later, a dog began to howl somewhere (in a farmhouse far down) the road.
(a) No correction required
(b) inside a farmhouse far downwards
(c) at farmhouse far up
(d) into a farmhouse far down

Q.67. Select the most appropriate word to fill in the blank.
I have already paid him more than _____.
(a) complete (b) enough
(c) halves (d) full

Q.68. Replace the bracketed word with one of the given options, which suitably replaces the word without changing the meaning of the sentence:
There are several ways to (mitigate) a blowout without losing control or playing soft.
(a) spread (b) allay
(c) aggravate (d) intensify

Q.69. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To mount the throne
(a) To bring disgrace to the family
(b) To take the responsibility
(c) To become king, queen etc.
(d) To leave one's palace

Q.70. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Your action has **caused a lot of trouble** and now everyone has to face the repercussions.
(a) In the dark
(b) In seventh heaven
(c) Stir a hornet's nest
(d) Break a leg

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The study has find an increasing correlation between social media usage and feelings of loneliness.
(a) No error
(b) The study has find an increasing
(c) usage and feelings of loneliness.
(d) correlation between social media

Q.72. Replace the bracketed word with one of the given options, which suitably replaces the word without changing the meaning of the sentence:
The (famous) scientist made groundbreaking discoveries in the field of physics.
(a) notorious (b) renowned
(c) infamous (d) unknown

Q.73. Choose the word that is opposite in meaning to the given word.
Cunning
(a) Simple (b) Oblique

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(c) Stealthy (d) Guileful

Q.74. Choose the most appropriate synonym of the underlined word.
Only a rounded bar and three rotting bathtubs remain in the **decrepit** club.
(a) Robust (b) Luxurious
(c) Hearty (d) Wrecked

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
He tried not to care and keeping marching forward.
(a) He tried not
(b) keeping marching forward.
(c) No error
(d) to care and

Cloze Test :
Direction :- [Q.76. to Q.80.]
In the age of information technology, the internet has become an indispensable (76. boon) _____in our daily lives. It offers a vast (77. stores) _____of knowledge and a platform for global (78. transmissions)_____ and connectivity. However, this digital revolution also raises concerns about online (79. safety) _____ and privacy. It is essential for users to be (80. alert) _____ about their online activities and take steps to protect their personal information in this digital age.

Q.76. (a) asset (b) barrier
(c) threat (d) luxury

Q.77. (a) factory (b) mandatory
(c) repository (d) laboratory

Q.78. (a) contour (b) concord
(c) conundrum (d) communication

Q.79. (a) insecurity (b) vigilance
(c) incursion (d) security

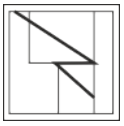
Q.80. (a) wary (b) absurd
(c) obscure (d) oblivious

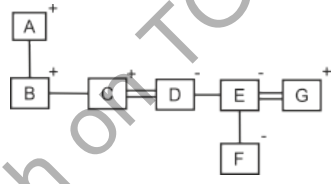
Answer Key :-

1.(c)	2.(a)	3.(b)	4.(b)
5.(d)	6.(d)	7.(a)	8.(b)
9.(c)	10.(a)	11.(d)	12.(b)
13.(d)	14.(d)	15.(a)	16.(d)
17.(b)	18.(c)	19.(a)	20.(d)
21.(d)	22.(b)	23.(c)	24.(b)
25.(d)	26.(d)	27.(b)	28.(c)
29.(a)	30.(b)	31.(d)	32.(a)
33.(c)	34.(a)	35.(b)	36.(a)
37.(c)	38.(a)	39.(b)	40.(a)
41.(a)	42.(a)	43.(a)	44.(d)
45.(c)	46.(c)	47.(a)	48.(d)
49.(c)	50.(b)	51.(c)	52.(c)
53.(c)	54.(b)	55.(c)	56.(c)
57.(d)	58.(c)	59.(c)	60.(c)
61.(a)	62.(c)	63.(b)	64.(c)
65.(c)	66.(a)	67.(b)	68.(b)
69.(c)	70.(c)	71.(b)	72.(b)
73.(a)	74.(d)	75.(b)	76.(a)
77.(c)	78.(d)	79.(d)	80.(a)

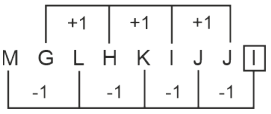
Solutions :-

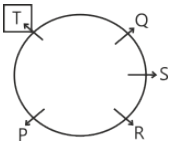
Sol.1.(c)
Y O U N G → 2 5 7 9 6
W O U L D → 8 0 5 3 2
C A N D Y → 4 9 1 6 3
From (i) and (iii) Y and N are common. The code of Y can be either 9 or 6. But in option , 9 is given. So, the correct answer is 9.

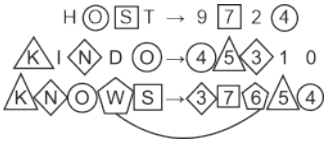
Sol.2.(a)


Sol.3.(b)


D is the sister of F's mother.

Sol.4.(b)


Sol.5.(d)


Sol.6.(d)


The code of W is 6.

Sol.7.(a)

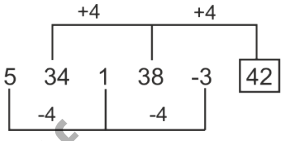



similarly,

Sol.8.(b)
st**u**vw / st**u**vw / stuv**w** / stuvw / stu**v**w

Sol.9.(c) The correct order is :
Reaction(3) → Registration(4) → Relevant(5) → Reporter(2) → Response(1)

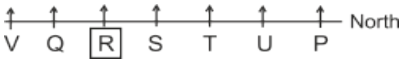
Sol.10.(a) From both the dice the opposite face are
o ↔ s , t ↔ p

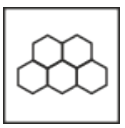
Sol.11.(d)


Sol.12.(b) From 1st and 3rd dice 52 and 53 are common. So the opposite face of 51 is 55.

Sol.13.(d) Logic :- Interchanging @ , # and * with - , - and × respectively we get,
⇒ 60 @ 35 # 15 * 6 = -65
60 - 35 - 15 × 6
60 - 125 = - 65
LHS = RHS
⇒ 40 @ 30 # 6 * 7 = -32
40 - 30 - 6 × 7 ⇒ 40 - 72 = -32
LHS = RHS
Similarly,
⇒ 90@ 10 # 6 * 5 = ?
90 - 10 - 6 × 5 ⇒ 90 - 40 = 50

Sol.14.(d)


Sol.15.(a)


Sol.16.(d)


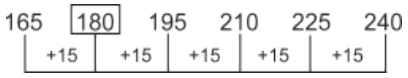
Sol.17.(b) Given :- 5 - 9 + 6 = 10
After going through all the options, option (b) satisfies. After interchanging 5 and 9 we get,
9 - 5 + 6 = 10
L.H.S. = R.H.S.

Sol.18.(c) As New York is the city of the United States similarly Sydney is the city of Australia.

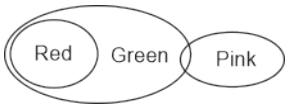
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Sol.19.(a)



Sol.20.(d)



Only conclusion III follows.

Sol.21.(d) Narendra Chandra Debbarma. Padma Shri Awardees from Tripura: Dr. Rathindra Datta (1992), Ms. Dipa Karmakar (2017), Shri Somdev Kishore Devvarman (2018), Shri Thanga Darlong (2019), Shri Beni Chandra Jamatia (Posthumous) (2020), Shri Maitya Ram Reang (2021), Shri Bikram Bahadur Jamatia (2023), Shri Chitta Ranjan Debbarma (2024), Smt. Smriti Rekha Chakma (2024).

Sol.22.(b) 1987. NABARD (National Bank for Agriculture and Rural Development) an apex development bank in India that provides credit and other financial services to the rural sector. Established in 1982 under the Parliamentary Act of National Bank for Agriculture and Rural Development Act, 1981 (Sivaraman committee). Headquarter - Mumbai.

Sol.23.(c) India. FIFA U-17 Women's World Cup: It is a biennial international women's association football tournament for female players under the age of 17. It has been organized by the Federation Internationale de Football Association (FIFA) since 2008. FIFA U-17 Women's World Cup 2022: Champions - Spain (2nd title), Runners-up - Colombia.

Sol.24.(b) Large migration to a particular area. Main Causes of Unemployment in India are Population Growth, Lack of Skill Development, Slow Industrial Growth, Agricultural Dependence, Technological Advancements, Economic Disparities, Inadequate Education System, Informal Sector Dominance, and Immobility of labour.

Sol.25.(d) Phulaich festival. Festivals and Fairs of Himachal Pradesh : Gochi Festival, Kullu Dussehra Fair, Ice Skating Carnival, Losar Festival, International Himalayan Festival, Doongri Fair, Sazo Festival, Sair Festival, Nuala Festival, Khepa Festival, Minjar Fair, Renuka Fair, Markand Fair, Rali Puja Festival, Deotsidh Fair.

Sol.26.(d) Assam. Orunodoi 2.0 will add new beneficiaries numbering around 7.30 lakh to the beneficiary list. 'Orunodoi' or Arunodoi Scheme is a new scheme of the Government of Assam launched on 2nd October 2020. Under 'Orunodoi', monetary benefits have been envisaged for more than 24 lac poor households in the state. The schematic benefit has been enhanced from 830/- to Rs. 1000/ Women.

Sol.27.(b) Rukmini Devi Arundale. Awards - Padma Bhushan (1956), Sangeet Natak Akademi Award (1957), Sangeet Natak Akademi Fellowship (1967). Mallika Sarabhai : Awards - Padma Bhushan (2010). Mrinalini Sarabhai : Awards - Padma Bhushan (1992), Padma Shri (1965). Sanjukta Panigrahi (Odissi): Awards - Padma Shri (1975), Sangeet Natak Akademi Award (1976).

Sol.28.(c) The Intensive Agricultural District Program (IADP) is also known as the "package program". It was launched in 1960–61 with the help of the Ford Foundation. It was implemented in selected districts with the most potential for agricultural development.

Sol.29.(a) Appointment of acting Chief Justice of India. Article 126 - When the office of Chief Justice of India is vacant or when the Chief Justice is, by reason of absence or otherwise, unable to perform the duties of his office, the duties of the office shall be performed by one of the other Judges of the Court as the President may appoint for the purpose.

Sol.30.(b) Squash. Other Indian Squash Players: Saurav Ghosal, Joshna Chinappa, Ritwick Bhattacharya, Anahat Singh and Abhay Singh. The World Squash Federation (WSF): Headquarters - Hastings (UK); Establishment - 1967.

Sol.31.(d) Ammannur Madhava Chakyar. He was one of the stalwarts of a renaissance in Koodiyattam which is a traditional form of Sanskrit theatre from Kerala. His Awards - Padma Bhushan (2003), Padma Shri (1982), Sangeet Natak Akademi Award (1979). Makar Dhwaja Darogha (Chhau): Awards - Padma Shri (2011). P.K Kunju Kurup (Kathakali): Awards - Sangeet Natak Akademi Award (1956). Maisnam Amubi Singh (Manipuri): Awards - Padma Shri (1970), Sangeet Natak Akademi Award (1956).

Sol.32.(a) Kelvin (K). SI Base Units: Length - Metre (m), Mass - Kilogram (kg), Time - Second (s), Electric Current - Ampere (A), Substance - Mole (mol), Luminous intensity - Candela (cd).

Sol.33.(c) 69.3 percent. According to Census 2011 : The literacy rate at all India levels is 74.04% and the literacy rate for females and males is 65.46% and 82.14% respectively. The top 5 states with the highest literacy rates are Kerala followed by Lakshadweep, Mizoram, Goa, Tripura, and Himachal Pradesh. The bottom 5 states with lowest literacy rates are Bihar followed by Arunachal Pradesh, Rajasthan, Jharkhand and Andhra Pradesh.

Sol.34.(a) Tabla. Ustad Zakir Hussain: Awards - Padma Shri (1988), Padma Bhushan (2002), Padma Vibhushan (2023). Other Tabla Players Of India : Pandit Shankar Ghosh, Pandit Udhai Mazumdar, Anuradha Pal, Pandit Swapna Chaudhuri, Pandit Vijay Ghate.

Sol.35.(b) Narendra Modi. The Order of Honour was established in 1975. The Grand Cross of the Order of Honour is conferred by the President of Greece upon Prime Ministers and eminent personalities who by virtue of their distinguished position, have contributed to enhancing the stature of Greece.

Sol.36.(a) Anglo-Afghan War (1878-1880). Lord Lytton (1876 -1880) : Arms Act (1878); The Vernacular Press Act (1878); Tax on Cotton was abolished for the British traders. Lord Auckland (1836 - 1842) : The first Anglo-Afghan war occurred during his reign. Warren Hastings: First Maratha War in 1775-82 , the Treaty of Salbai in 1782 and Second Mysore War in 1780-84 were held in his tenure.

Sol.37.(c) 17. There are eight weight divisions in men's international wrestling and six for women. Athletes are weighed-in prior to the competition, and must be at the weight level or below in order to participate in the competition.

Sol.38.(a) Ashoka's inscriptions were carved on pillars, as well as on rock surfaces. James Prinsep, was the first person to decipher Ashoka's edicts. There are 14 major rock edicts, 15 minor rock edicts, and 7 pillar inscriptions. Major inscriptions found at Allahabad, Kandahar, Kalinga, Sannati, Rummindei, Girnar, Shahbazgarhi and Mansehra. Ashoka's name is only used in four of these locations: Maski and Brahmagiri (Karnataka), Gujjara (Madhya Pradesh)

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and Nettur (Andhra Pradesh).

Sol.39.(b) Right to Property. Article 300A - Persons not to be deprived of property save by authority of law. After the 44th Constitution Amendment in 1978, the right to property became a constitutional right under article 300 (A) of the Constitution.

Sol.40.(a) Air Conditioners and LED Lights. White goods refer to heavy consumer durables or large home appliances, which were traditionally available only in white. The white goods industry consists of refrigerators, washing machines and dryers, dishwashers, etc.

Sol.41.(a) According to the question,

Work done by D in 100 days = $\frac{1}{2}$

Work done by D in 47 days

= $\frac{1}{2 \times 100} \times 47$

Required %

= $\frac{1}{2 \times 100} \times 47 \times 100 = 23.5\%$

Sol.42.(a) $(CI - SI)_{for\ 2\ years} = \frac{p \times r^2}{100^2}$

2401 = $\frac{1000000 \times r^2}{100 \times 100}$

$r^2 = \frac{2401}{100}$, r = $\frac{49}{10}$ = 4.9%

Sol.43.(a) Fraction value of 12% = $\frac{3}{25}$

28 units (SP) = 1792

25 units (CP) = $\frac{1792}{28} \times 25 = 1600$

loss% = $\frac{1600 - 1472}{1600} \times 100 = 8\%$

Sol.44.(d) 8500 ÷ 5 + 24 × 6 - 122 × 3
= 1700 + 144 - 366
= 1844 - 366 ⇒ 1478

Sol.45.(c) According to the question,
Let the present age of the two brothers be $11x$ and $13x$
then
$\frac{11x - 6}{13x - 6} = \frac{4}{5} \Rightarrow 55x - 30 = 52x - 24$
$3x = 6 \Rightarrow x = 2$
So the present age of two brothers be 22 and 26 years
Required ratio
= (22 + 5) : (26 + 5) = 27 : 31

Sol.46.(c) Correct average
= 180 - $\frac{(72 - 27)}{17} \Rightarrow 177.35$

Sol.47.(a) According to the question,

p × $\frac{p}{100}$ = 729

$p^2 = 729 \times 100 \Rightarrow p = 270$

Sol.48.(d) Area of trapezium = $\frac{1}{2}$ × sum of parallel sides × distance between parallel sides

961 = $\frac{1}{2}$ × (15 + 16) × distance between parallel sides
Distance between parallel sides = 62 cm

Sol.49.(c) Let the 5 consecutive numbers be x, $x + 1$, $x + 2$, $x + 3$, $x + 4$
Sum of 5 consecutive numbers
= 19 × 5 = 95
According to the question,
$x + x + 1 + x + 2 + x + 3 + x + 4 = 95$
$5x + 10 = 95 \Rightarrow 5x = 85 \Rightarrow x = 17$
Largest number = $x + 4 = 17 + 4 = 21$

Sol.50.(b) CP of 15 mangoes = 1 Rs
SP of 15 mangoes = 0.75 Rs
Quantity of Mangoes sell in 1 Rs
= $\frac{15}{0.75} \times 1 = 20$

Sol.51.(c)
Required ratio = 3 : (3 + 7) = 3 : 10

Sol.52.(c) Let the principal 100 units
Then SI = 100 × $\frac{81}{100}$ = 81 units
Let r and t = a
SI = $\frac{p \times r \times t}{100}$
81 = $\frac{100 \times a^2}{100} \Rightarrow a^2 = 81 \Rightarrow$a = 9
So rate (r) will be 9%

Sol.53.(c)
Ratio - Amit : Vinit
Efficiency - 3 : 1
Time - 1 : 3
Difference of Time = 3 - 1 = 2 units
2 units = 32 days
Total work = efficiency × time
Total work = $\frac{32}{2} \times (3 \times 1) = 48$ units
Required days = $\frac{48}{(3 + 1)} = 12$

Sol.54.(b) Let the total distance = $9x$
Distance covered by 9 km/h = $9x \times \frac{2}{9}$
= $2x$
Remaining distance = $9x - 2x = 7x$
Time = $\frac{distance}{speed}$
$29 = \frac{2x}{9} + \frac{7x}{12} \Rightarrow 29 = \frac{8x + 21x}{36}$
$29x = 29 \times 36 \Rightarrow x = 36$
Distance between A and B ($9x$)
= 9 × 36 = 324 km

Sol.55.(c) SP of the shirt
= 1200 × $\frac{17}{20}$ = 1020 Rs

Sol.56.(c) 22 ÷ (9 - 1 + 7 × 2) + 24 of 9
= 22 ÷ (22) + 216 ⇒ 1 + 216 = 217

Sol.57.(d) 897 ÷ 13 + 15 × 15 - 27
= 69 + 225 - 27 ⇒ 294 - 27 = 267

Sol.58.(c) Let the number be 100 units
When successive increment of 40% and 60% then,
100 × $\frac{140}{100} \times \frac{160}{100}$ = 224 units
When decrement of 44% then,
100 × $\frac{56}{100}$ = 56 units
Required % = $\frac{56}{224} \times 100 = 25\%$

Sol.59.(c) Let the MP of the watch = $10x$
Then SP will = $10x \times \frac{3}{10} = 3x$
CP = $\frac{3x}{21} \times 25 = \frac{25x}{7}$
Required ratio = $10x : \frac{25x}{7} = 14 : 5$

Sol.60.(c)
100 × 10 - 100 + 3000 ÷ (100 × 10)
= 1000 - 100 + 3000 ÷ (1000)
= 900 + 3 = 903

Sol.61.(a) definitly
'Definitely' is the correct spelling.

Sol.62.(c) Remember that international travellers have to now get tested and quarantined after they land in the country.
'International', 'quarantined', and 'country' are the correct spellings.

Sol.63.(b) Simple- easy to understand.
Intricate- very complicated.
Harmony- a state of agreement.
Blocked- prevented from reaching somewhere by someone or something.
Complex- hard to separate, analyze, or solve.

Sol.64.(c) Sneha worked really harder
'Harder' must be replaced with 'hard' as there is no comparison of Sneha with another person. Hence, 'Sneha worked really hard' is the most appropriate answer.

Sol.65.(c) Irrelevant- not related to or not connected with the matter.
Pertinent- relevant or applicable to a particular matter.
Related- belonging to the same family, group, or type
Apt- appropriate or suitable.

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Sol.66.(a) No correction required
The given sentence is grammatically correct.

Sol.67.(b) enough
'Enough' means the required amount. The given sentence states that I have already paid him more than enough. Hence, 'enough' is the most appropriate answer.

Sol.68.(b) Allay- to reduce in intensity or severity.
Mitigate- to make something less harmful, unpleasant.
Spread- to distribute or extend.
Aggravate- to make something worse.
Intensify- to increase the severity or strength of something.

Sol.69.(c) To mount the throne- to become king, queen etc.
E.g.- Aurangazeb mounted the throne after the imprisonment of Shah Jahan.

Sol.70.(c) Stir a hornet's nest - cause a lot of trouble.

Sol.71.(b) The study has find an increasing
'Singular Subject + has + V_3' is grammatically the correct structure for the given sentence which is in the present perfect tense. Hence, 'The study has found(V_3) an increasing' is the most appropriate answer.

Sol.72.(b) Renowned- famous.
Famous- well known to many people.
Notorious- famous for something bad.
Infamous- famous for something considered bad.

Sol.73.(a) Simple- innocent.
Cunning- clever in a dishonest or bad way.
Oblique- not expressed or done in a direct way.
Stealthy- behaving in a secretive or sneaky manner.
Guileful- having or showing sly or cunning intelligence.

Sol.74.(d) Wrecked- very badly damaged.
Decrepit- old and in very bad condition or poor health.
Robust- strong and healthy.
Luxurious- very comfortable and expensive.
Hearty- enthusiastic, energetic, and often loudly expressed.

Sol.75.(b) keeping marching forward.
'And / or / but' is used to connect two similar parts of speech. In this sentence, 'and' connects two verbs. One verb is 'tried' which is in the past form, so the other verb will also be in the past form, i.e. 'tried'. Hence, 'kept marching forward' is the most appropriate answer.

Sol.76.(a) asset
'Asset' means something valuable or useful. The given sentence states that in the age of information technology, the internet has become an indispensable asset in our daily lives.
Hence, 'asset' is the most appropriate answer.

Sol.77.(c) repository
'Repository' means a place where things are stored and can be found. The given sentence states that the internet offers a vast repository of knowledge. Hence, 'repository' is the most appropriate answer.

Sol.78.(d) communication
'Communication' is the exchange of information between people or machines. The given sentence states that it offers a vast repository of knowledge and a platform for global communication and connectivity. Hence, 'communication' is the most appropriate answer.

Sol.79.(d) security
'Security' means protection of a person against threats such as crime or attacks. The given sentence states that this digital revolution also raises concerns about online security and privacy. Hence, 'security' is the most appropriate answer.

Sol.80.(a) wary
'Wary' means cautious or careful, especially to avoid danger or problems. The given sentence states that it is essential for users to be wary about their online activities. Hence, 'wary' is the most appropriate answer.

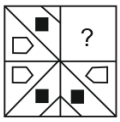
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27/02/2024 (2nd Shift)

Reasoning

Q.1. Which answer figure will complete the pattern in the question figure? (rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.2. Arrange the following words in alphabetical order:
1. FRAGRANCE 2. FRUITFUL 3. FRUGAL
4. FRIGHTEN 5. FROSTY
(a) 1, 5, 4, 3, 2 (b) 1, 4, 5, 2, 3
(c) 1, 4, 3, 5, 2 (d) 1, 4, 5, 3, 2

Q.3. 'T × U' means 'T is the mother of U'
'T + U' means 'T is the sister of U'
'T ÷ U' means 'T is the daughter of U'
'T - U' means 'T is the wife of U'
How is D related to A in the expression 'A × B + C ÷ D' ?
(a) Father (b) Brother
(c) Son (d) Husband

Q.4. Which two numbers should be interchanged to make the given equation correct?
8 × 4 - 18 ÷ 2 + 16 = 63
(a) 8 and 4 (b) 16 and 18
(c) 16 and 8 (d) 2 and 4

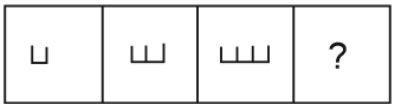
Q.5. In the following question, select the missing number from the given series.
344, 348, 357, ?, 398, 434
(a) 380 (b) 370 (c) 373 (d) 371

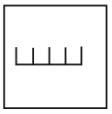
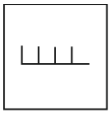
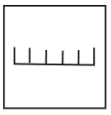
Q.6. Which of the following letter will replace the question mark (?) in the given series?
H, J, L, N, P ,?
(a) O (b) Q (c) R (d) T

Q.7. In a certain code language, 'MBTSA' is coded as '26095', 'TDAN' is coded as '5328', 'YZBN' is coded as '0713'. What can be the code for 'M' in that code language?
(a) 2 (b) 6 (c) 0 (d) 5

Q.8. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
dddeeeff_dddeeeff_dddeeefffdddee_ff_
(a) fdef (b) fded (c) ffef (d) edfd

Q.9. Select the figure that will replace the question mark (?) in the following figure series.



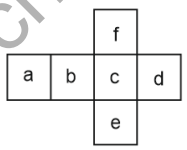
(a) 
(b) 
(c) 
(d) 

Q.10. In the following question, select the related letters from the given alternatives.
OTYJ : QVAL : : DGKX : ?
(a) FIMZ (b) JJDK (c) SUTL (d) JKMP

Q.11. Which of the following numbers will replace the question mark (?) in the given series?
45, 54, 63, ?, 81, 90
(a) 72 (b) 68 (c) 70 (d) 58

Q.12. In the following question, select the related letter pair from the given alternatives.
BP : BO : : ?
(a) OG : KB (b) NB : JX
(c) EZ : BV (d) LY : LX

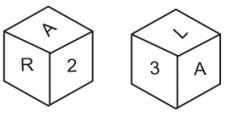
Q.13. On folding the given die, which letter will be opposite to the letter 'c'?



(a) a (b) d (c) e (d) b

Q.14. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : Some shirts are cotton.
Statement II : All cotton are clothes.
Statement III : Some clothes are not trousers.
Conclusion I : Some shirts are trousers.
Conclusion II: Some cotton are not shirts.
(a) Neither conclusion I nor II follows
(b) Only conclusion I follows
(c) Both conclusions I and II follow
(d) Only conclusion II follows

Q.15. Two positions of a dice are given below. What will come on the face opposite to the face containing 'L' on it?



(a) R (b) A (c) 2 (d) 3

Q.16. Five friends P, Q, R, S, and T are sitting around a circular table facing away from the centre. S is sitting to the immediate right of R. P sits exactly between Q and T. Q sits to the immediate left of R. Who sits to the immediate right of P ?
(a) R (b) T (c) S (d) Q

Q.17. By Interchanging the given two numbers (not digits) which of the following equation will be NOT correct?
5 and 8
(a) 5 × 7 + 8 - 3 = 58
(b) 5 + 8 × 3 - 9 = 14
(c) 8 - 5 × 2 + 6 = - 3
(d) 5 - 8 + 7 = 10

Q.18. In a certain code language, if 'AMBER' is coded as 36, 'MAGENTA' is coded as '57', then what will 'PURPLE' be coded as?
(a) 84 (b) 67 (c) 76 (d) 89

Q.19. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.20. Eight boys A, B, C, D, E, F, G and H are sitting around a circular table facing opposite to the centre (not necessarily in the same order). B is fourth to the left of H. Only two boys sit between F and B. E is second to the left of D. F is second to the left of C. C is an immediate neighbour of G. C is not an immediate neighbour of B. Who is sitting on the immediate left of E?
(a) H (b) G (c) B (d) A

General Awareness

Q.21. Which of the following articles of the Indian Constitution mentions oath or affirmation by the Governor ?
(a) Article 157 (b) Article 159
(c) Article 161 (d) Article 155

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Q.22. What is the total literacy rate of Bihar according to the 2011 census of India?
(a) 65.8 percent (b) 63.8 percent
(c) 61.8 percent (d) 66.8 percent

Q.23. The Rowlatt Act of 1919 granted the British colonial government the power to arrest and detains Indians without trial. Who was the British Viceroy of India at that time?
(a) Lord Dalhousie (b) Lord Irwin
(c) Lord Chelmsford (d) Lord Curzon

Q.24. Which state is famous for Dandiya-ras dance?
(a) Odisha (b) Bihar (c) Kerala (d) Gujarat

Q.25. Under the Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY), in Chhattisgarh, how many candidates have been trained as on August 01, 2023?
(a) 30,502 (b) 85,208
(c) 45,825 (d) 61,199

Q.26. The Palaeolithic period extends from 2 million years ago to about 12,000 years ago. This long stretch of time is divided into the Lower, Middle and Upper Palaeolithic. This long span of time covers_____percent of human history.
(a) 89 (b) 99 (c) 59 (d) 79

Q.27. Which of the following five year plan of India aimed at accelerating food grain production, increasing employment opportunities & raising productivity with focus on 'food, work & productivity"?
(a) Sixth Five year Plan
(b) Seventh Five year Plan
(c) Eighth Five year Plan
(d) Ninth Five year Plan

Q.28. In humans sound is produced by voice box. What is the other name used for voice box?
(a) Pharynx (b) Lymph Nodes
(c) Wind pipe (d) Larynx

Q.29. Which sport is played by the Indian sportsperson Jasprit Bumrah ?
(a) Hockey (b) Cricket
(c) Volleyball (d) Football

Q.30. _____choreographed famous song "Kahe Chhed Mohe' from the movie Devdas and 'Mohe Rang Do Laal' from Bajirao Mastani
(a) Pandit Birju Maharaj
(b) Uday Shankar
(c) Rukmini Devi
(d) Kelucharan Mohapatra

Q.31. Read the following about Liabilities.
A. Liabilities for any firm are its debts or what it owes to others.
B. For a bank, the main liability is the deposits which people keep with it.
Identify the CORRECT statement / statements.
(a) Both A and B (b) Neither A nor B
(c) Only B (d) Only A

Q.32. Which of the following sports is played by Mithali Raj ?
(a) Hockey (b) Volleyball
(c) Badminton (d) Cricket

Q.33. Which of the following tribes celebrates the Rongker festival?
(a) Dimsa (b) Tiwa (c) Khasi (d) Karbi

Q.34. Ministry of Labour & Employment, Government of India launched e-Shram portal (eshram.gov.in) on 26th August___
(a) 2022 (b) 2021 (c) 2020 (d) 2023

Q.35. How is the poverty line in India typically determined?
(a) Access to healthcare facilities
(b) Religious affiliation
(c) Levels of income and consumption
(d) Quality of education

Q.36. The election of the Constituent Assembly of India was held in _____.
(a) July 1946 (b) April 1946
(c) March 1946 (d) May 1946

Q.37. In 2023, which Indian-origin scientist won the Spinoza Prize, also known as the Dutch Nobel Prize?
(a) D. Sivananda Pai
(b) Usha Barwale-Zehr
(c) Joyeeta Gupta
(d) Partha Pratim Majumder

Q.38. Read the following about the Green Revolution in India.
A. The revolution was launched to address India's hunger crisis during the second Five Year Plan.
B. The long term objectives included overall agriculture modernization based on rural development, industrial development; infrastructure, raw material etc.
Identify the CORRECT statement / statements.
(a) Both A and B (b) Neither A nor B
(c) Only A (d) Only B

Q.39. Each game in table tennis consists of how many points?
(a) 12 (b) 11 (c) 14 (d) 21

Q.40. Which Indian has won two Oscars in the same year?
(a) AR Rahman (b) Gulzar
(c) MM Keeravani (d) Resul Pookutty

Quantitative Aptitude

Q.41. The marked price of an article is 60 percent more than its cost price. If the article is sold for Rs. 300 after offering a discount of Rs. 20, then what will be the profit percentage?
(a) 45 % (b) 60 % (c) 40 % (d) 50 %

Q.42. Average of five numbers is 75. The average of first two numbers is 6 times of the average of last three numbers. What is the sum of first two numbers?
(a) 260 (b) 340 (c) 315 (d) 300

Q.43. If a certain sum of money becomes thrice of itself in 7 years 3 months at simple interest, then what will be the annual rate of interest ?
(a) 30.23 percent (b) 25.68 percent
(c) 29.27 percent (d) 27.58 percent

Q.44. Find the area of an equilateral triangle with a side length of 10 cm.
(a) $28\sqrt{3}$ cm^2 (b) $18\sqrt{3}$ cm^2
(c) $22\sqrt{3}$ cm^2 (d) $25\sqrt{3}$ cm^2

Q.45. A pair of shoes is sold for ₹960 after a discount of 25%. Find the marked price.
(a) Rs. 1280 (b) Rs. 1240
(c) Rs. 1200 (d) Rs. 1220

Q.46. Three numbers are in the ratio of 3: 5 : 8. If the sum of the largest and the smallest number is 8800, then what is the difference of the largest and the smallest number?
(a) 2400 (b) 1600 (c) 4000 (d) 800

Q.47. What is the value of
9 of 21 × (3 + 4) ?
(a) 1763 (b) 1533 (c) 1323 (d) 1423

Q.48. A shirt was sold for $40, incurring a loss of 20%. Find the cost price.
(a) $55 (b) $50 (c) $35 (d) $30

Q.49. If price is decreased by 24 percent, then by how much percentage consumption should be increased, so that the expenditure remains the same?
(a) 25.5 percent (b) 26.5 percent
(c) 28.5 percent (d) 31.5 percent

Q.50. The price of a bike is firstly decreased by 25 percent and then increased by 50 percent. What is the percentage increase in the price of bike?
(a) 20 % (b) 25 % (c) 12.5 % (d) 10 %

Q.51. A bike moving at a speed of 45 km/hr covers certain distance in 4 hours. If its speed is reduced by 20 km/hr, in what time it will cover the same distance?

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(a) 460 minutes (b) 432 minutes
(c) 478 minutes (d) 446 minutes

Q.52. A person loses 35 percent on selling a book for Rs. 2860. At what price should he sell the book to earn a profit of 20 percent?
(a) Rs. 5460 (b) Rs. 6460
(c) Rs. 5280 (d) Rs. 5540

Q.53. M and N together can complete a work in 40 days. M is 50 percent more efficient than N. M alone can complete the same work in how many days?
(a) $\frac{100}{9}$ (b) $\frac{210}{11}$ (c) $\frac{100}{7}$ (d) $\frac{200}{3}$

Q.54. Prince is thrice as good a workman as Raman and therefore is able to finish a work in 28 days less than Raman. In how many days can they together complete the same work?
(a) 35 (b) 30 (c) 10.5 (d) 42

Q.55. Find the LCM of 1.2, 1.8, 2, 2.5.
(a) 120 (b) 30 (c) 90 (d) 25

Q.56. Three numbers A, B and Care in the ratio of 5 : 4 : 3 respectively. If C is 18 less than the sum of A and B, then what is the value of B ?
(a) 18 (b) 12 (c) 15 (d) 9

Q.57. What is the value of
$444 \div 2 + 41 \times 8 - 26 \times 3$?
(a) 472 (b) 452 (c) 462 (d) 482

Q.58. The average of 36 numbers is 50. If we subtract a number 'T' from each number, then the average becomes 27. What is the value of T ?
(a) 23 (b) 27 (c) 24 (d) 22

Q.59. At what rate per annum will ₹ 33,000 yield a compound interest of ₹ 31,680 in 2 years interest being compounded yearly ?
(a) 30 % (b) 50 % (c) 55 % (d) 40 %

Q.60. If the number 34564A is divisible by 11, then what is the value of A ?
(a) 2 (b) 3 (c) 7 (d) 6

English

Q.61. Four words are given, out of which only one word is spelt correct. Choose the correct spelt word.
(a) PERCIEVE (b) OUTRAGOUS
(c) PLAGERIZE (d) MEMENTO

Q.62. Choose the word that is opposite in meaning to the given word.
Arrival
(a) Genesis (b) Amass
(c) Departure (d) Inception

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'. Visitors to Chernobyl are advised not to touching the dogs.
(a) Visitors to Chernobyl
(b) are advised not to
(c) No error
(d) touching the dogs.

Q.64. Select the most appropriate meaning of the given idiom.
Lend an ear
(a) To listen closely.
(b) To go to remote places.
(c) Impossible task
(d) To lend something important.

Q.65. Select the most appropriate word to fill in the blank.
The Internet is an _____resource for teachers.
(a) invaluable (b) antique
(c) auspicious (d) inimical

Q.66. Choose the most appropriate synonym of the underlined word.
Some depended on small donations, others on the **benevolence** of wealthy patrons.
(a) Divinity (b) Harshness
(c) Cruelty (d) Kindness

Q.67. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. To prevent boredom and keep it away, we need to find solutions at home that will provides lasting meaning and challenge to our lives.
(a) we need to find solutions at home that will provides
(b) To prevent boredom and keep it away,
(c) lasting meaning and challenge to our lives.
(d) No error

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
You can learn about the well ways to make money.
(a) about the well
(b) You can learn
(c) ways to make money.
(d) No error

Q.69. Select the most appropriate option for the given blank.
Please _____quiet, everyone; the principal will be here anytime.
(a) make (b) set (c) have (d) keep

Q.70. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
He is the director's **favourite boy.**
(a) Blue eyed boy (b) Break a leg
(c) Above board (d) Good old boy

Q.71. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I can't getting my wife to go swimming.
(a) get my (b) No improvement
(c) gets my (d) get I

Q.72. Select the incorrectly spelt word from the given sentence.
I am studying about insects in zoology, and I have learned many things about butterflys.
(a) learned (b) butterflys
(c) insects (d) studying

Q.73. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Their dog chewed in the furniture.
(a) No improvement (b) chewing on
(c) chew on (d) chewed on

Q.74. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I wheeled a recycles bin to the curb.
(a) No improvement (b) recycling bins
(c) recycling bin (d) recycled bins

Q.75. Choose the most appropriate antonym of the underlined word.
Many of her students live in two- or three-bedroom apartments with families of up to eight people, creating an environment **rife** with distractions.
(a) alive (b) replete (c) void (d) thick

Cloze Test :
Direction :- [Q.76. to Q.80.]
The deep depression over the west-central Bay of Bengal is likely to (76)_____into a cyclonic storm by November 17 morning, said Uma Shankar Das, senior scientist in India Meteorological Department's Bhubaneswar regional centre. Under the (77)____of the system, heavy to moderate rain may occur in some parts of Odisha, (78)_____to sources. Paddy farmers in Odisha have already been suffering from moisture stress due to (79)____rainfall in Ganjam and Gajapati districts, while pest attacks have been reported in western Odisha districts. Unseasonal rains at the time of the harvest will (80)_____all hopes of a successful crop, said a farmer.

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Q.76. (a) manipulate (b) plus
(c) derive (d) intensify

Q.77. (a) toll (b) guidance
(c) hospitality (d) influence

Q.78. (a) alike (b) stated
(c) according (d) congruent

Q.79. (a) round (b) inadequate
(c) adept (d) plenty

Q.80. (a) piece (b) form
(c) shatter (d) clasp

Answer Key :-

1.(a)	2.(d)	3.(d)	4.(c)
5.(c)	6.(c)	7.(b)	8.(c)
9.(a)	10.(a)	11.(a)	12.(d)
13.(a)	14.(a)	15.(a)	16.(d)
17.(c)	18.(a)	19.(a)	20.(b)
21.(b)	22.(c)	23.(c)	24.(d)
25.(d)	26.(b)	27.(b)	28.(d)
29.(b)	30.(a)	31.(a)	32.(d)
33.(d)	34.(b)	35.(c)	36.(a)
37.(c)	38.(a)	39.(b)	40.(a)
41.(d)	42.(d)	43.(d)	44.(d)
45.(a)	46.(c)	47.(c)	48.(b)
49.(d)	50.(c)	51.(b)	52.(c)
53.(d)	54.(c)	55.(c)	56.(b)
57.(a)	58.(a)	59.(d)	60.(a)
61.(d)	62.(c)	63.(d)	64.(a)
65.(a)	66.(d)	67.(a)	68.(a)
69.(d)	70.(a)	71.(a)	72.(b)
73.(d)	74.(c)	75.(c)	76.(d)
77.(d)	78.(c)	79.(b)	80.(c)

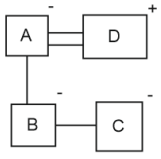
Solutions :-

Sol.1.(a)



Sol.2.(d) The correct order is :-
FRAGRANCE(1) → FRIGHTEN(4) → FROSTY(5) → FRUGAL(3) → FRUITFUL(2)

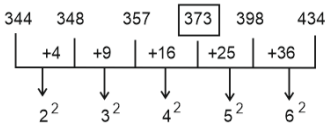
Sol.3.(d)



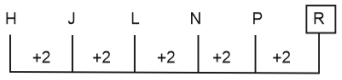
D is the husband of A.

Sol.4.(c) Given :- $8 \times 4 - 18 \div 2 + 16 = 63$
After checking all the options, option 'c' satisfies .After interchanging 16 and 8 we get,
$16 \times 4 - 9 + 8 \Rightarrow 64 - 1 = 63$
L.H.S. = R.H.S.

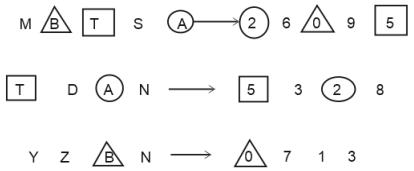
Sol.5.(c)



Sol.6.(c)



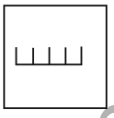
Sol.7.(b)



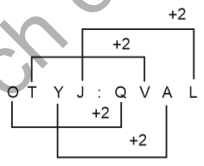
Here the code of M can either be 6 or 9. But in option, 6 is given. The correct answer is 6.

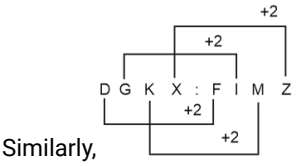
Sol.8.(c) dddeeeff**f** / dddeeeff**f** / dddeeefff / dddee**e**ff**f**

Sol.9.(a)



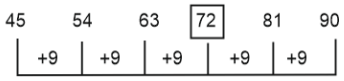
Sol.10.(a)



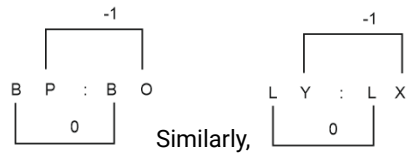


Similarly,

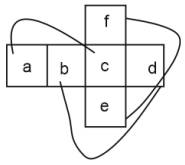
Sol.11.(a)



Sol.12.(d)

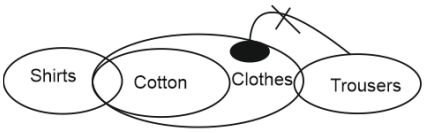


Sol.13.(a)



On folding the die the opposite faces will be
a ↔ c , b ↔ d , f ↔ e

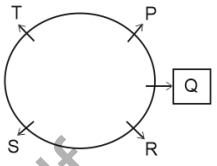
Sol.14.(a)



Neither conclusion I nor II follows.

Sol.15.(a)
From both the dice the opposite face are
2 ↔ 3 , L ↔ R

Sol.16.(d)



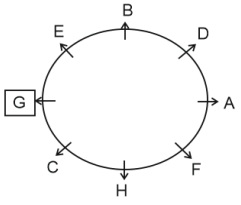
Sol.17.(c) After checking all the options, option 'c' satisfies.
$8 - 5 \times 2 + 6 = -3$
After interchanging 5 and 8 we get,
$5 - 8 \times 2 + 6 \Rightarrow 5 - 16 + 6 = -5$
L.H.S. ≠ R.H.S.

Sol.18.(a) Logic :- (Sum of the place value of letters)- (Number of consonants)
AMBER :-
(1 + 13 + 2 + 5 +18) - (3) ⇒ 39 - 3 = 36
MAGENTA :-
(13 + 1 + 7 + 5 + 14 + 20 + 1) - (4)
⇒ 61 - 4 = 57
Similarly,
PURPLE :-
(16 + 21 + 18 + 16 + 12 + 5) - (4)
⇒ (88) - 4 = 84

Sol.19.(a)



Sol.20.(b)



Sol.21.(b) Article 159. Other Articles: Article 155 - Appointment of Governor. Article 156 - Term of office of Governor. Article 157 - Qualifications for appointment as Governor. Article 161 - Power of Governor to grant pardons, etc., and to suspend, remit or commute sentences in certain cases.

Sol.22.(c) 61.8 percent. According to the

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Census of India, 2011, the male literacy rate in Bihar is 71.20%, and the female literacy rate is 51.50%. This is significantly lower than the national averages, which stand at 72.98% overall, with a male literacy rate of 82.14% and a female literacy rate of 64.63%. The top 5 Indian states by literacy rate are: Kerala - 94.0%, Lakshadweep - 91.8%, Mizoram - 91.3%, Goa - 88.7%, Tripura (87.2%).

Sol.23.(c) Lord Chelmsford. The Rowlatt Act was passed by the Imperial Legislative Council in Delhi in March 1919. It is also known as the Anarchical and Revolutionary Crimes Act of 1919. The Act gave the government enormous powers to repress political activities and allowed the detention of political prisoners without trial for up to two years.

Sol.24.(d) Gujarat. Indian states and Dances: Gujarat - Tippani Nritya, Jaag Nritya, Randal's Ghodo (Horse) Dance, Titodo and Raasda.
Bihar - Jata-Jatin Naach, Maharai, Natua, Sohar Khelwana. Odisha - Mayurbhanj Chhau, Dalkhai dance, Rasarkeli, Gotipua. Kerala - Kathakali, Koothu, Theyyam, Oppana.

Sol.25.(d) 61,199. DDU-GKY is a placement linked skilling program of the Ministry of Rural Development (MoRD) under the aegis of National Rural Livelihood Mission (NRLM). It was launched on 25 September 2014. Government Schemes in India: Digital India (2015), Make in India (2014), Swachh Bharat Abhiyan (2014), Beti Bachao Beti Padhao Yojana (2015), Atal Pension Yojana (2015).

Sol.26.(b) 99. The Stone Age is divided into three distinct phases: the Palaeolithic (Old Stone Age), Mesolithic (Middle Stone Age), and Neolithic (New Stone Age). These phases are distinguished by the level of sophistication in the stone tools created and used by humans.

Sol.27.(b) Seventh Five Year Plan (1985-90) was very successful, as the economy recorded a 6.01% growth rate against the targeted 5%. The Eighth Five Year Plan (1992-97) was postponed by two years due to political uncertainty at the Centre, and the years 1990-91 and 1991-92 were treated as Annual Plans. The Ninth Five Year Plan (1997-2002) focused on 'Growth with Social Justice & Equality.'

Sol.28.(d) Larynx. Pharynx - It serves both the respiratory and digestive systems by receiving air from the nasal cavity and air, food, and water from the oral cavity. Lymph Nodes - Small, bean-shaped structures that are part of the body's immune system, filtering lymph and trapping pathogens. Windpipe (trachea) - The airway that leads from the larynx (voice box) to the bronchi (large airways that lead to the lungs).

Sol.29.(b) Cricket. Sports and players: Cricket - MS Dhoni, Sachin Tendulkar, Rohit Sharma, Virat Kohli, Shikhar Dhawan, Hardik Pandya. Hockey - Dhyan Chand, Balbir Singh Sr, Mohammad Shahid, PR Sreejesh, Harmanpreet Singh. Football - Sunil Chhetri, Bhaichung Bhutia, IM Vijayan, PK Banerjee. Volleyball - A Palaniswamy, and Jimmy George.

Sol.30.(a) Pandit Birju Maharaj was an Indian dancer and exponent of the Lucknow "Kalka-Bindadin" Gharana of Kathak dance. He received the Sangeet Natak Akademi Award in 1964, Padma Vibhushan in 1986, and the National Film Award for Best Choreography in 2013 for Vishwaroopam. He also won the Filmfare Award for Best Choreography in 2016 for Bajirao Mastani. Famous Kathak exponents: Shambhu Maharaj, Durga Lal, Nandkishore Kapote, Munna Lal Shukla, Shovana Narayan.

Sol.31.(a) Both A and B. Liabilities are obligations or debts that an enterprise must settle in the future and represent creditors' claims on the firm's assets. Both small and large businesses often need to borrow money or purchase goods on credit.

Sol.32.(d) Cricket. Mithali Raj received the Arjuna Award in 2003, the Padma Shri in 2015, and Major Dhyan Chand Khel Ratna in 2021. Famous women cricketers: Harmanpreet Kaur, Smriti Mandhana, Jhulan Goswami, Anjum Chopra, Shafali Verma, and Neetu David.

Sol.33.(d) Karbi. Rongker Festival is celebrated by the Karbi tribe of Assam. Other festivals of Assam: Ambubachi Mela, Bheldiya, Baishagu, Jonbeel Mela and Doljatra. Tribal Festivals In India : Madai Festival - Gond tribe, Bhagoriya Festival - Bhil and Bhilala tribes, Sohrai festival - Munda and Santhal tribes, Jhiri Mela - Oraon tribe.

Sol.34.(b) 2021. The eShram portal was launched to create a comprehensive national database of unorganised workers, verified and linked with Aadhaar. It aims to register and support these workers by providing them a Universal Account Number (UAN). Other Scheme for workers: Pradhan Mantri Shram Yogi Maan-dhan (PM-SYM) Pension Scheme (2019).

Sol.35.(c) Levels of income and consumption. If income or consumption falls below a certain minimum threshold, the household is classified as Below the Poverty Line (BPL). In India, poverty estimation is conducted by NITI Aayog's task force, which calculates the poverty line based on data from the National Sample Survey Office under the Ministry of Statistics and Programme Implementation (MOSPI).

Sol.36.(a) July 1946. Under the Cabinet Mission Plan of 1946, elections were held for the Constituent Assembly, with members elected by provincial assemblies using proportional representation through the single transferable vote method. The Assembly initially had 389 members, but after the partition of India and Pakistan, the membership decreased to 299, consisting of 229 representatives from British Indian provinces and 70 from princely states.

Sol.37.(c) Joyeeta Gupta. The Dutch Research Council (NWO) Spinoza Prize, named after philosopher Baruch Spinoza and awarded annually since 1995, is the Netherlands' most prestigious academic honor, recognizing researchers who are considered among the world's finest in their respective fields.

Sol.38.(a) Both A and B. Green revolution was introduced in the Third five-year plan (1961-66). The Green Revolution was an endeavour initiated by Norman Borlaug in the 1960s. He is known as the 'Father of Green Revolution' in world. In India, the Green Revolution was mainly led by M.S. Swaminathan.

Sol.39.(b) 11. Table tennis is played on a 2.74 × 1.525 meter rectangular table, made of fiberwood, divided into two halves by a net. The net, suspended between two poles, stands 15.25 centimeters high. The table tennis racquet measures approximately 17 cm in length and 15 cm in width. The table tennis ball weighs 2.7 grams and has a diameter of 40 millimeters.

Sol.40.(a) AR Rahman, originally known

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as A.S. Dileep Kumar, is often referred to by his nicknames, 'Isai Puyal' and the 'Mozart of Madras.' He won two Oscars for his work on the film Slumdog Millionaire (2008), receiving Best Original Score and Best Original Song (for 'Jai Ho') at the 81st Academy Awards.

Sol.41.(d) 60% = $\frac{3}{5}$

$\frac{cost\ price}{marked\ price} = \frac{5}{8}$

According to question,

8 unit - 20 = 300

1 unit = 40

Hence , cost price = 40 × 5 = Rs. 200

Profit % = $\frac{100}{200} \times 100 = 50\%$

Sol.42.(d) let the average of last three number is x

Therefore the average of first two number is $6x$

According to question,

$(6x \times 2) + (x \times 3) = 75 \times 5$

$15x = 375 \Rightarrow x = 25$

Hence , sum of first two number

= 25 × 6 × 2 = 300

Sol.43.(d) let the principal (P)

Then, amount = 3P , S.I. = 2P ,

time = $\frac{29}{4}$ year

R = $\frac{S.I. \times 100}{P \times T} = \frac{2P \times 100 \times 4}{P \times 29}$ = 27.58%

Sol.44.(d) area of equilateral triangle

= $\frac{\sqrt{3}}{4} a^2 = \frac{\sqrt{3}}{4} \times 10 \times 10 = 25\sqrt{3}$ cm²

Sol.45.(a) marked price = $\frac{100 \times 960}{75}$

= Rs. 1280

Sol.46.(c) ratio of three number = 3 : 5 : 8

According to question,

11 unit = 8800

1 unit = 800

5 unit = 4000

Hence , difference between the largest and smallest number = 4000

Sol.47.(c) 9 of 21 × (3 + 4)

= 189 × 7 = 1323

Sol.48.(b) cost price = $\frac{40 \times 100}{80}$ = $50

Sol.49.(d)

expenditure = price × consumption

Ratio →	initial	:	final
Price →	25	:	19
Consumption →	19	:	25

Increase % in consumption = $\frac{6}{19} \times 100$

= 31.5 percent

Sol.50.(c) % increase

= - 25 + 50 - $\frac{50 \times 25}{100}$ = 25 - 12.5 = 12.5%

Sol.51.(b) total distance = 45 × 4

= 180km

Time taken by bike to cover the same distance = $\frac{180}{25}$ = 7.2 hr = 432 minutes

Sol.52.(c) cost price of book

= $\frac{100 \times 2860}{65}$ = 4400

Selling price of book to earn 20 % profit

= $\frac{4400 \times 120}{100}$ = Rs. 5280

Sol.53.(d) $\frac{Efficiency\ of\ M}{Efficiency\ of\ N} = \frac{3}{2}$

Total work = 40 × 5 = 200

Taken taken by M to complete work

= $\frac{200}{3}$ days

Sol.54.(c) $\frac{efficiency\ of\ prince}{efficiency\ of\ raman} = \frac{3}{1}$

Raman complete the work in x days

According to question,

$x \times 1 = (x - 28) \times 3$

$2x = 84 \Rightarrow x = 42$ days

Total work = 42 × 1 = 42 unit

Time taken by together to complete the work = $\frac{42}{4}$ = 10.5 days

Sol.55.(c) LCM of (1.2, 1.8, 2, 2.5) = 90

Sol.56.(b) Three number A, B, and C are respectively $5x$, $4x$ and $3x$

Sum of A and B = $9x$

According to questions,

$9x - 3x = 18 \Rightarrow x = 3$

Hence , the value of B = 3 × 4 = 12

Sol.57.(a) 444 ÷ 2 + 41 × 8 - 26 × 3

= 222 + 41 × 8 - 26 × 3

= 222 + 328 - 78 = 472

Sol.58.(a) sum of 36 number = 36 × 50

= 1800

According to question,

$\frac{1800 - 36x}{36} = 27 \Rightarrow 1800 - 36x = 972$

$1800 - 972 = 36x \Rightarrow x = 23$

Sol.59.(d) $\frac{A}{P} = \frac{64680}{33000} = \frac{19600}{10000}$

Multiplying factor of 1 year = $\sqrt{\frac{19600}{10000}}$

= $\frac{140}{100}$

Rate = $\frac{40}{100} \times 100 = 40\%$

Sol.60.(a) divisibility of 11 : - the difference of the sum of digits at odd position and sum of digits at even position in a number is 0 or 11.

$(3 + 5 + 4) - (4 + 6 + A) = 0$

12 - 10 - A = 0 ⇒ 2 = A

Sol.61.(d) MEMENTO

'Memento' is the correct spelling.

Sol.62.(c) Departure- the act of leaving a place.

Arrival- the act of coming to a place.

Genesis- origin or beginning of something.

Amass- to gather for oneself.

Inception- the starting point of an institution or activity.

Sol.63.(d) touching the dogs.

We generally use the first form of the verb with the preposition 'to'. Hence, 'touch(V_1) the dogs.' is the most appropriate answer.

Sol.64.(a) Lend an ear- to listen closely.

E.g.- I'm here to lend an ear if you need to talk.

Sol.65.(a) invaluable

'Invaluable' means extremely useful. The given sentence states that the Internet is an invaluable resource for teachers.Hence, 'invaluable' is the most appropriate answer.

Sol.66.(d) Kindness- the quality of being friendly, generous, and considerate.

Benevolence- an act of kindness.

Divinity- relating to God.

Harshness- the quality of being cruel or severe.

Cruelty- the quality of being intentionally harmful.

Sol.67.(a) we need to find solutions at home that will provides

The verb after a relative pronoun(that, which, who, whom) is used according to the antecedent (the word before). The antecedent is 'solutions' which is plural, therefore a plural verb will be used. Hence, we need to find solutions at home that will provide' is the most appropriate answer.

Note:- The part after preposition (at home) is not considered for the subject verb agreement.

Sol.68.(a) about the well

We generally use article 'the' with a superlative degree adjective. Therefore, 'well' will be replaced with the superlative adjective 'best'. Hence, 'about the best' is the most appropriate answer.

Sol.69.(d) keep

'Keep' is the correct verb to use with quiet. 'Keep quiet' means to remain

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silent. Hence, 'keep' is the most appropriate answer.

Sol.70.(a) Blue eyed boy- favourite boy.

Sol.71.(a) get my
'Modal verbs' are auxiliary verbs(also called helping verbs) like can, will, could, shall, must, would, might, and should. However, after a modal verb, we generally use the first form of the verb (V_1). Hence, 'get(V_1) my' is the most appropriate answer.

Sol.72.(b) butterflys
'Butterflies' is the correct spelling.

Sol.73.(d) chewed on
'On' is a fixed preposition used with the verb 'chew'. 'Chew on something' is the correct structure. Hence, 'chewed on' is the most appropriate answer.

Sol.74.(c) recycling bin
The given sentence needs an adjective to describe the noun 'bin'. 'Recycling' is a present participle acting as an adjective. Hence, 'recycling bin' is the most appropriate answer.

Sol.75.(c) Void- completely empty.
Rife- full of something unpleasant.
Replete- filled or well-supplied with something.

Sol.76.(d) intensify
'Intensify' means to become more serious. The given passage states that the deep depression over the west-central Bay of Bengal is likely to intensify into a cyclonic storm. Hence, 'intensify' is the most appropriate answer.

Sol.77.(d) influence
'Influence' means the power of causing an effect in indirect ways. The given passage states that under the influence of the system, heavy to moderate rain may occur in some parts of Odisha. Hence, 'influence' is the most appropriate answer.

Sol.78.(c) according
'According to' is used to specify the source of information. Hence, 'according' is the most appropriate answer.

Sol.79.(b) inadequate
'Inadequate' means less than required. The given passage states that paddy farmers in Odisha have already been suffering from moisture stress due to inadequate rainfall in Ganjam and Gajapati districts. Hence, 'inadequate' is the most appropriate answer.

Sol.80.(c) shatter
'Shatter' is the correct verb to use with 'hope'. 'Shatter hope' means to destroy hope. Hence, 'shatter' is the most appropriate answer.

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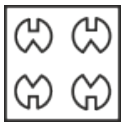
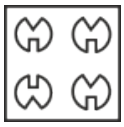
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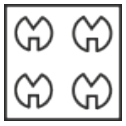
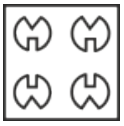
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27/02/2024 (3rd Shift)

Reasoning

Q.1. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened ?



(a)  (b) 

(c)  (d) 

Q.2. Which of the following letter-number group will come in place of the question mark (?) in the given series ?
POL15, ?, RSR19, SUU21, TWX23, UYA25
(a) QQO16 (b) QPM16
(c) QQO17 (d) QPM17

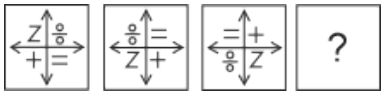
Q.3. Which of the following numbers will come in place of question mark (?) in the given series ?
?, 36, 54, 72, 90, 108
(a) 18 (b) 12 (c) 16 (d) 24

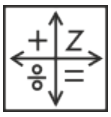
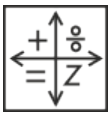
Q.4. Which of the following equations will be correct if the two symbols given below are interchanged ?
× and +
I. 4 × 3 + 6 - 7 ÷ 1 = 15
II. 7 + 5 × 2 - 8 ÷ 4 = 33
(a) Both I and II (b) Neither I nor II
(c) only II (d) only I

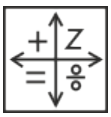
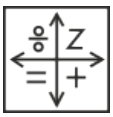
Q.5. In the following question, select the related letter pair from the given alternatives.
IGTW : JHUX :: ?
(a) ULDX : RUXT (b) FXQN : GYRO
(c) RSHP : NDLM (d) NTUV : DXKU

Q.6. Seven boys P, Q, R, S, T, U and V are sitting around a circular table facing the center (but not necessarily in the same order). V sits second to the right of R. U sits immediate left of R. P is sitting third to the right of T. S and T are immediate neighbors of Q . Who is sitting to the immediate right of R ?
(a) U (b) P (c) T (d) Q

Q.7. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 

(c)  (d) 

Q.8. In the following question, select the related letter pair from the given alternatives.
GHL : LMQ :: YXM : ?
(a) MJY (b) PON (c) DCR (d) XVU

Q.9. In a certain code language, 'MORAL' is written as '57638', 'RIAL' is written as '3859', 'METRE' is written as '52172'. How will 'L' be written in that code language ?
(a) 7 (b) 3 (c) 6 (d) 5

Q.10. In a certain code language 'LATEST' is written as 'RQCRYJ'. How will 'GOLDEN' be written in that code language ?
(a) LCBIME (b) LCBJNE
(c) LCBJME (d) LCAJME

Q.11. Five friends P, B, C, G and H are sitting around a circular table facing the centre. H is sitting to the immediate right of C. B sits third to the left of H. P is not an immediate neighbor of C. Who sits immediate left of C ?
(a) B (b) G (c) P (d) H

Q.12. Pointing to a picture of a woman, Rama said, "She is the sister of my mother's daughter. How is that woman related to Rama ?
(a) sister (b) mother (c) wife (d) daughter

Q.13. Select the missing number from the following series from the given alternatives.
44, 13, 50, 9, 52, ?
(a) 4 (b) 6 (c) 7 (d) 9

Q.14. If the words given below are arranged according to the order in the English dictionary, which word will come at the third position ?
1. Principal 2. Prince 3. Principle
4. Princess 5. Princely
(a) Principle (b) Princess
(c) Principal (d) Princely

Q.15. Which of the following letter groups when sequentially placed from left to right will complete the series given below ?
efgefge_ge_gef_ef_efg
(a) efeg (b) ffgg (c) fege (d) gefe

Q.16. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure ?



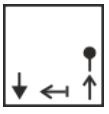
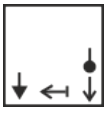
(a)  (b) 

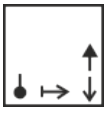
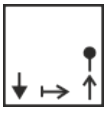
(c)  (d) 

Q.17. In the following question some statements are given and some conclusions based on those statements are given. You have to consider the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and decide which of the given conclusions logically follows from the statements.
statement :
I. Some mobiles are watches.
II. No watch is laptop.
conclusion :
I. No laptop is mobile.
II. Some laptop is not watch.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) None of the conclusions follow
(d) Both conclusions I and II follow

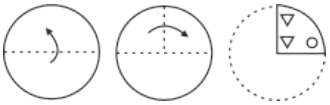
Q.18. Select the figure that will replace the question mark (?) in the following figure series.

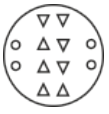
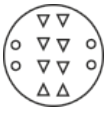


(a)  (b) 

(c)  (d) 

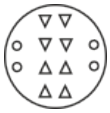
Q.19. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened?



(a)  (b) 

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(c)  (d) 

Q.20. If 40 * 30 # 20 @ 10 = 1230 and 70 * 6 # 10 @ 3 = 433, then 8 * 4 # 5 @ 9 = ?
(a) 40 (b) 46 (c) 50 (d) 60

General Awareness

Q.21. Which of the following festivals is traditionally associated with Jallikattu ?
(a) Vishu (b) Shivratri
(c) Pongal (d) Onam

Q.22. In August 2023, the Pharmacy (Amendment) Bill-2023 was passed in the Lok Sabha. It amends the Pharmacy Act, _____.
(a) 1948 (b) 1965 (c) 1983 (d) 1955

Q.23. In badminton, a sudden, rapid rotation of the wrist and forearm that surprises an opponent by turning a seemingly slow shot into a fast passing shot; Which is mainly used on serve and net, is called _____.
(a) drop (b) fault (c) flick (d) kill

Q.24. Who among the following wrote the national anthem of Bangladesh 'Amar Shonar Bangla' ?
(a) Swami Yogananda Paramahamsa
(b) Rabindranath Tagore
(c) Shyamlal Gupta
(d) Hasrat Mohani

Q.25. Who among the following was the second ruler of the Maurya Empire ?
(a) Bindusara (b) Brihadratha
(c) Ashoka (d) Chandragupta Maurya

Q.26. Due to the _____ Revolution, India became self-sufficient in food grains and had sufficient reserves in its central pool, so much so that at one point, India was in a position to export food grains.
(a) white (b) green (c) oil (d) industrial

Q.27. Which classical dance drama of Kerala is famous for its vibrant make-up, elaborate costumes and exaggerated facial expressions, which often depict stories from the Ramayana ?
(a) Kathak (b) Manipuri
(c) Bharatnatyam (d) Kathakali

Q.28. Which of the following parts of the Indian Constitution is related to amendment of the Constitution ?
(a) Part XIX (b) Part XXII
(c) Part XXI (d) Part XX

Q.29. Which of the following grounds hosted the final of Ranji Trophy 2022/23?
(a) Eden Garden
(b) M.A. Chidambaram Stadium
(c) Wankhede Stadium
(d) Arun Jaitley Stadium

Q.30. _____ is called buying and selling of bonds issued by the government.
(a) closed market operations
(b) moral pressure
(c) Marginal need
(d) Open market activities

Q.31. Which of the following is the highest civilian award honoring artists for their achievements in the Indian state of Tamil Nadu ?
(a) Balasaraswathi
(b) Sangeet Natak Akademi Award
(c) Kalashree
(d) Kalaimamani

Q.32. In Charles's law _____.
(A) pressure is kept constant
(B) The number of moles of gas is constant
(C) Volume is directly proportional to temperature.
(a) A, B, C all three are true
(b) Both A and C are true
(c) Only B and C are true
(d) Both A and B are true

Q.33. What types of activities are generally carried out in the secondary sector ?
(a) Extraction of natural resources
(b) To prepare refined products from raw materials
(c) Growing crops and raising livestock
(d) Providing support services to industries

Q.34. Which government has announced the launch of Mukhyamantri Shramik Kalyan Yojana (MMSKY) as part of the National Labor Day celebrations ?
(a) Madhya Pradesh
(b) West Bengal
(c) Assam
(d) Arunachal Pradesh

Q.35. In which year was the Vernacular Press Act passed in India?
(a) 1868 (b) 1878 (c) 1872 (d) 1862

Q.36. The Indian political system is often described as a federal system with a strong unitary bias. What characteristic gives it this unitary bias ?
(a) Single citizenship (b) List of states
(c) Dual citizenship (d) Concurrent List

Q.37. In October 2023, who has achieved a historic feat by becoming the second woman officer from the medical branch of the Indian Air Force (IAF) to achieve the coveted rank of Air Marshal ?
(a) Air Marshal Sadhna S. Nair
(b) Wing Commander Deepika Mishra
(c) Air Marshal Padma
(d) Shaliza Dhami

Q.38. The decennial census is conducted by the office of the Registrar General and Census Commissioner belonging to which ministry ?
(a) Ministry of Finance
(b) Ministry of Statistics and Program Implementation
(c) Ministry of Rural Development
(d) Home Ministry

Q.39. According to the 2011 Census of India, which of the following Union Territories of India has the highest sex ratio ?
(a) Puducherry
(b) Chandigarh
(c) Andaman and Nicobar Islands
(d) Dadra and Nagar Haveli

Q.40. In the game of basketball, which of the following is called the playing area ?
(a) Pitch (b) Rink (c) Court (d) Field

Quantitative Aptitude

Q.41. The ratio of acid and water in a mixture is 5 : 3. If 12 liters of water is added to it, the ratio of acid and water becomes 5 : 6. What is the amount of acid in this mixture ?
(a) 4 liters (b) 16 liters
(c) 8 liters (d) 20 liters

Q.42. Raman and Raju did a work for Rs 5500. Raman alone can complete the work in 5 days and Raju alone can complete the same work in 6 days. If they work together, what will be the difference in the amount of money they get ?
(a) Rs 600 (b) Rs 500
(c) Rs 700 (d) Rs 550

Q.43. What is the value of 12 ÷ 3 of 4 - 88 + 75 + 6 × 2 of 15 ?
(a) 228 (b) 118 (c) 198 (d) 168

Q.44. The average weight of a group of 8 friends is 70 kg. If a person weighing 70 kg joins the group, what is the new average weight of the group ?
(a) 73 kg (b) 54 kg (c) 68 kg (d) 70 kg

Q.45. When the price of an item is reduced by 40%, its sales increase by 60%. What was the net effect on sales ?
(a) increase of 4% (b) increase of 6%
(c) decrease of 7% (d) decrease of 4%

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Q.46. The average age of 9 sons in a family is 13 years. The total average age of mother, father and sons is 20 years. If the mother is 9 years younger than the father, then what is the age of the father?
(a) 63 years (b) 62 years
(c) 56 years (d) 61 years

Q.47. If the compound interest on a sum of Rs 8,000 for the first and second years (compounded annually) is Rs 800 and Rs 880 respectively, find the annual interest rate.
(a) 10% (b) 12% (c) 8% (d) 15%

Q.48. Amar, Akram and Vaibhav together can complete a work in 20 days. If Amar can work three times as fast as Akram and Akram can work twice as fast as Vaibhav, then in how many days can Vaibhav alone complete the same work ?
(a) 210 days (b) 200 days
(c) 190 days (d) 180 days

Q.49. The trains are moving in opposite directions at the same speed. If the length of each train is 255 meters and they cross each other in 17 seconds, what is the speed of each train ?
(a) 12 m/s (b) 21 m/s
(c) 15 m/s (d) 18 m/s

Q.50. The selling price of a car is Rs 3675. If the car was sold at a discount of 65 percent. , then what is the marked price of the car ?
(a) Rs 9800 (b) Rs 11200
(c) Rs 10800 (d) Rs 10500

Q.51. If the selling price and cost price of a shirt are Rs 1050 and Rs 900 respectively, then what is the profit percentage ?
(a) 25 percent (b) 20 percent
(c) 16.66 percent (d) 18.5 percent

Q.52. Find the area of the triangle whose base is 12 cm and the height corresponding to that base is $\frac{1}{3}$ cm.
(a) 16 cm² (b) 20 cm²
(c) 24 cm² (d) 18 cm²

Q.53. Which of the following numbers is divisible by 11 ?
(a) 4320 (b) 1442 (c) 8487 (d) 9196

Q.54. Convert $0.4\overline{27}$ to a fraction.
(a) $\frac{400}{999}$ (b) $\frac{420}{999}$
(c) $\frac{423}{990}$ (d) $\frac{423}{999}$

Q.55. A shopkeeper marked the selling price of his goods in such a way that after giving a discount of 20%, he made a profit of 28%. Marked price is what percent more than the cost price ?
(a) 44% (b) 55% (c) 66% (d) 60%

Q.56. Arun got 20 percent less marks than Varun. Raju got 30 percent less marks than Varun. If Raju got 140 marks then how many marks did Arun get ?
(a) 200 (b) 160 (c) 180 (d) 150

Q.57. What will be the remainder if $31 \times 32 \times 33$ is divided by 5 ?
(a) 0 (b) 1 (c) 2 (d) 3

Q.58. At simple interest a certain sum becomes Rs 900 in 2 years and Rs 1080 in 4 years. What is the annual interest rate ?
(a) 14 percent (b) 15 percent
(c) 14.28 percent (d) 12.5 percent

Q.59. If 80 percent of the total goods are sold at a profit of 20 percent and the remaining goods are sold at a loss of 30 percent, then what will be the total profit percentage ?
(a) 14 percent (b) 10 percent
(c) 12 percent (d) 15 percent

Q.60. The ratio of marks of two candidates M and N is 10 : 11. If M's marks are 200, then what are N's marks ?
(a) 200 (b) 260 (c) 240 (d) 220

English

Q.61. Select the most appropriate word to fill in the blank.
_____ small businesses shifted within a year.
(a) Many (b) Quite (c) Very (d) Little

Q.62. Choose the word that is opposite in meaning to the given word.
Absurd
(a) Salient (b) Asinine
(c) Inept (d) Realistic

Q.63. Select the sentence with no spelling errors.
(a) We should be cautious about the acuracy of polls in this case.
(b) We should be cautious about the accuracy of polls in this case.
(c) We should be cuatious about the accuracy of polls in this case.
(d) We should be cautious about the accuracy of palus in this case.

Q.64. Select the incorrectly spelt word from the given sentence.
After seventeen surgeries, a life-threatening infection, a lost season and months of arduos rehab, Smith returned to the field in October.
(a) surgeries (b) threatening
(c) arduos (d) season

Q.65. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully. Her wedding is **occurring soon**, and she is so nervous about it.
(a) Just around the corner
(b) In hot water
(c) In the dark
(d) Through thick and thin

Q.66. Choose the most appropriate antonym of the underlined word.
Much to our collective **astonishment**. Chris ended up joining the military.
(a) Shock (b) Awe
(c) Composure (d) Wonder

Q.67. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
You get only one chanced to pass the test.
(a) No improvement (b) chance to pass
(c) chance to passed (d) chances to pass

Q.68. Select the most appropriate meaning of the given idiom
It's a small world
(a) An aggressive and bold confrontation
(b) You frequently see the same people in different places
(c) Eventually, after a long period of time
(d) A competition where the outcome is difficult to judge or predict

Q.69. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. Many people prefers a heavy breakfast to a heavy lunch.
(a) to a heavy lunch.
(b) No error
(c) Many people
(d) prefers a heavy breakfast

Q.70. Improve the underlined part of the sentence. Choose 'No improvement as an answer if the sentence is grammatically correct.
I buy most of my books online.
(a) No improvement (b) buy much
(c) by most (d) buys most

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The greatly truths in life are usually the most unpleasant to hear.
(a) are usually the
(b) No error
(c) The greatly truths in life
(d) most unpleasant to hear

Q.72. Choose the word that is opposite in meaning to the given word.
Aroma

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(a) Stink (b) Scent (c) Essence (d) Brazen

Q.73. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Hearing a love one's voice can convey emotions without the constant visual reminders of separation.
(a) Hearing a love one's voice
(b) can convey emotions without the
(c) constant visual reminders of separation
(d) No error

Q.74. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Computers are a common commodity in every homely.
(a) all homely (b) No improvement
(c) every home (d) every homes

Q.75. From the options given below choose the synonym (similar meaning) of the word:
Alienate
(a) Vacate (b) Estrange
(c) Secure (d) Sever

Cloze Test :
Direction :- [Q.76. to Q.80.]
Education is a powerful tool for (76. growth)_____and personal growth. It equips individuals with knowledge and skills, enabling them to (77. capture) _____opportunities and contribute to society. A well-rounded education not only fosters academic excellence but also encourages (78. out-of-the box)_____thinking and creativity. Moreover, education instils (79. virtuous)_____values and ethical principles in individuals, promoting social harmony and responsible citizenship. To ensure the benefits of education are accessible to all, it is essential to eliminate barriers, such as (80. isolation)_____and discrimination, that hinder equal access to quality learning opportunities.

Q.76. (a) development (b) desolation
(c) determent (d) depravation

Q.77. (a) endure (b) seize
(c) exploit (d) afflict

Q.78. (a) innovative (b) orthodox
(c) conventional (d) uniform

Q.79. (a) volatile (b) arbitrary
(c) obsolete (d) moral

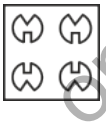
Q.80. (a) accessibility (b) illusion
(c) privilege (d) seclusion

Answer Key :-

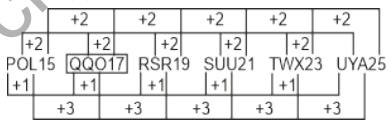
1.(d)	2.(c)	3.(a)	4.(d)
5.(b)	6.(b)	7.(c)	8.(c)
9.(b)	10.(c)	11.(b)	12.(a)
13.(d)	14.(b)	15.(b)	16.(c)
17.(b)	18.(d)	19.(c)	20.(b)
21.(c)	22.(a)	23.(c)	24.(b)
25.(a)	26.(b)	27.(d)	28.(d)
29.(a)	30.(d)	31.(d)	32.(a)
33.(b)	34.(d)	35.(b)	36.(a)
37.(a)	38.(d)	39.(a)	40.(c)
41.(d)	42.(b)	43.(d)	44.(d)
45.(d)	46.(c)	47.(a)	48.(d)
49.(c)	50.(d)	51.(c)	52.(c)
53.(d)	54.(c)	55.(d)	56.(b)
57.(b)	58.(d)	59.(b)	60.(d)
61.(a)	62.(d)	63.(b)	64.(c)
65.(a)	66.(c)	67.(b)	68.(b)
69.(d)	70.(a)	71.(c)	72.(a)
73.(a)	74.(c)	75.(b)	76.(a)
77.(b)	78.(a)	79.(d)	80.(d)

Solutions :-

Sol.1.(d)



Sol.2.(c)

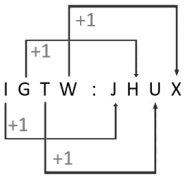


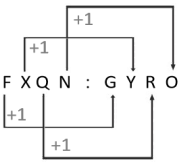
Sol.3.(a)



Sol.4.(d)
Given : I. 4 × 3 + 6 - 7 ÷ 1 = 15
II. 7 + 5 × 2 - 8 ÷ 4 = 33
After checking all the options one by one option (d) satisfies. After interchanging × with +, we get:
I. 4 × 3 + 6 - 7 ÷ 1 = 15
⇒ 4 + 3 × 6 - 7 ÷ 1 = 15
⇒ 4 + 18 - 7 = 15
⇒ 15 = 15 ⇒ LHS = RHS
II. 7 + 5 × 2 - 8 ÷ 4 = 33
⇒ 7 × 5 + 2 - 8 ÷ 4 = 33
⇒ 35 + 2 - 2 = 33
⇒ 35 ≠ 33 ⇒ LHS ≠ RHS
Therefore, according to option (d), only I is correct.

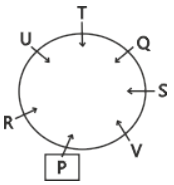
Sol.5.(b)





Similarly,

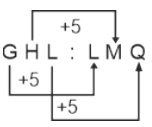
Sol.6.(b)



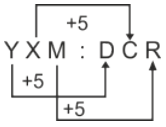
Sol.7.(c)



Sol.8.(c)

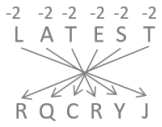


Similarly,



Sol.9.(b)
M O R A L → 5 7 6 3 8..... (i)
R I A L → 3 8 5 9.....(ii)
M E T R E → 5 2 1 7 2....(iii)
From 1st , 2nd and 3rd line the code of 'R' = 5, as we can see the code of L can be either 3 or 8. But in option , 3 is given .
The correct answer is 3.

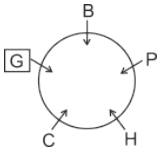
Sol.10.(c)



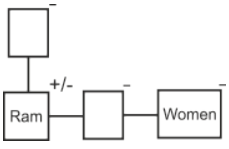
Similarly,



Sol.11.(b)



Sol.12.(a)

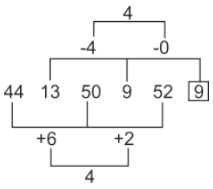


As we can see, that woman is the sister of Ram.

Sol.13.(d)

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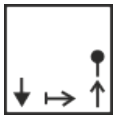
Sol.14.(b) The correct order is:
Prince**(1)**→Princely**(2)**→Princess**(3)**→Principal**(4)**→Principle**(5)**
As we can see, **Princess** will be the third word.

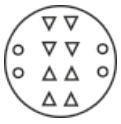
Sol.15.(b)
efg / efg / e**f**g / e**f**g / ef**g** / ef**g** / efg

Sol.16.(c)


Sol.17.(b)


As we can see, only conclusion II follows.

Sol.18.(d)


Sol.19.(c)


Sol.20.(b) after replacing *, # and @ with ×, + and + respectively, we have
40 * 30 # 20 @ 10 = 1230
⇒ 40 × 30 + 20 + 10 = 1230
70 * 6 # 10 @ 3 = 433
⇒ 70 × 6 + 10 + 3 = 433
similarly,
8 * 4 # 5 @ 9 = ?
⇒ 8 × 4 + 5 + 9 = 46

Sol.21.(c) Pongal. Jallikattu, also known as "Sallikkattu" is a traditional bull taming sport of Tamil Nadu that is celebrated on the third day of Pongal – Mattu Pongal Day.

Sol.22.(a) 1948. The Pharmacy Act of 1948 establishes regulations for the pharmacy profession in India. However, the Pharmacy (Amendment) Bill, 2023, has amended this Act. This Bill has also a special provision relating to persons registered or qualified under the Jammu and Kashmir Pharmacy Act, 2021.

Sol.23.(c) flick. A wide range of strokes are used in badminton. The types of serves include the High Serve, Backhand Low Serve, Backhand Flick Serve, Forehand Low Serve, and Forehand Flick Serve. The main difference between high, low, and flick serves in badminton is the trajectory of the shuttlecock. Some badminton terms are Alley, Carry, Cut, Drill, and Rally.

Sol.24.(b) Rabindranath Tagore also wrote 'Jana Gana Mana' (the National Anthem of India) in Bengali, but in a Sanskritized dialect known as Sadhu Bhasha. His notable works include 'Gitanjali,' 'Ghare-Baire,' 'Gora,' 'Manasi,' 'Balaka,' and 'Sonar Tori.' He is also remembered for his song 'Ekla Chalo Re.' In 1913, he was awarded the Nobel Prize in Literature for his work on 'Gitanjali.'

Sol.25.(a) Bindusara. The Mauryan Empire was founded by Chandragupta Maurya after he overthrew Ghana Nanda of the Nanda dynasty. His successor, Bindusara, became the second ruler, followed by Ashoka as the third ruler. Dasharatha succeeded Ashoka as the fourth ruler. The last Mauryan emperor, Brihadratha, was assassinated by his Brahman commander-in-chief, Pushyamitra Shunga, who then established the Shunga Empire.

Sol.26.(b) green. The Green Revolution resulted in a great increase in production of food grains (especially wheat and rice) due to the introduction into developing countries of new, high-yielding variety seeds, beginning in the 1960's. Other Agricultural revolution: White revolution is related to operation flood i.e. milk production. Yellow revolution: Oilseed production. Golden fiber revolution: Jute production. Silver revolution: Egg/Poultry production.

Sol.27.(d) Kathakali is a blend of dance, music, and acting, dramatizing stories that are mostly adapted from Indian epics. In this dance form, different facial colors indicate various mental states and character traits, e.g., green symbolizes nobility, black represents wickedness, and red patches combine royalty and evil. Hand gestures, facial expressions, and eye movements are crucial elements. Famous Kathakali artists include Ramankutty Nair, Margi Vijayakumar, and Kalamandalam Gopi.

Sol.28.(d) Part XX. Article 368 in Part XX of the Constitution deals with the power of parliament to amend the constitution and its procedures. It provides for two types of amendments: By a special majority of Parliament, and By a special majority of the Parliament along with the ratification of half of the states legislatures by a simple majority. In the Kesavananda Bharati case (1973), the Supreme Court ruled that the Parliament cannot amend those provisions which form the 'basic structure' of the Constitution.

Sol.29.(a) Eden Gardens is an international cricket stadium located in Kolkata. In the Ranji Trophy 2022-23, the winner was Saurashtra, and the runner-up was Bengal. The Player of the Match in the final was Jaydev Unadkat, and the Player of the Series was Arpit Vasavada.

Sol.30.(d) Open market activities. Open Market Operations (OMOs) are conducted by the Reserve Bank of India (RBI) through the sale and purchase of government securities in the market. The primary objective is to manage and adjust rupee liquidity conditions in the market on a long-term basis. OMOs is one of the quantitative monetary policy tools.

Sol.31.(d) Kalaimamani. These awards are given by the Tamil Nadu Iyal Isai Nataka Mandram (literature, music and theatre), a unit of the Directorate of Art and Culture, Government of Tamil Nadu, to recognise artists in the state for their achievements.

Sol.32.(a) A, B, C all three are true. In 1787, French Scientist Jacques Charles formulated Charles' Law or the Law of Volume. According to this law, The volume of an ideal gas at constant pressure is directly proportional to its absolute temperature. Formula: V/T = Constant, at constant pressure.

Sol.33.(b) The secondary sector encompasses activities where natural products are transformed into other forms through manufacturing processes typically associated with industrial activity. For example, using sugarcane as a raw material, we produce sugar or gur. Primary sector activities include the extraction of natural resources and the growing of crops and raising of livestock. Tertiary sector activities support the development of the primary and secondary sectors. Examples include transport, storage, communication, banking, and trade.

Sol.34.(d) Arunachal Pradesh. The objective of the 'Mukhyamantri Shramik Kalyan Yojana' is to benefit the labor force within the state. The benefits

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include maternity support for the families of workers, compensation for natural and accidental deaths, and promotion of sports among the children of workers.

Sol.35.(b) 1878. The Vernacular Press Act (VPA), also known as 'the Gagging Act,' was enacted by Lord Lytton with the aim of curbing seditious writings in vernacular newspapers. Publications such as Som Prakash, Bharat Mihir, Dacca Prakash, and Samachar were charged under this Act. To evade the restrictions of the VPA, Amrita Bazar Patrika transformed into an 'English newspaper' in a matter of days. The Act was eventually repealed by Lord Ripon.

Sol.36.(a) Single citizenship. Unitary features of the Indian Constitution include the appointment of the Governor, the process of constitutional amendment, an integrated judiciary, All India Services, veto power over state bills, and emergency provisions.

Sol.37.(a) Air Marshal Sadhna S. Nair. Padmavathy Bandopadhyay was the first woman to be promoted to the rank of Air Marshal in the Indian Air Force.

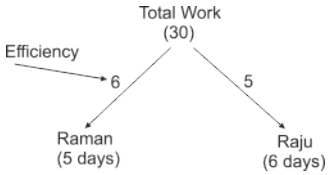
Sol.38.(d) Home Ministry. The first Census in India was conducted in 1872 AD during the period of Lord Mayo. The first synchronized Census took place in 1881 AD under Lord Ripon. The Census of India 2011 was the 15th national census and the 7th since independence, marking the first use of biometric data collection methods. The Census is conducted under the provisions of the Census Act, 1948, and population census is a Union subject under Article 246 of the Indian Constitution.

Sol.39.(a) Puducherry. Sex ratio is defined as the number of females per 1000 males in the population. As per Census 2011, Daman and Diu has the lowest sex ratio of 618 out of all Union Territories and States. Among states, Kerala has the highest sex ratio (1084) and Haryana has the lowest sex ratio (879). Overall sex ratio of India is 943.

Sol.40.(c) Court. Basketball is a team game played between two teams of five players each on the court. The playing court has dimensions of 28 meters in length and 15 meters in width, measured from the inner edge of the boundary lines. The International Basketball Federation (FIBA) establishes rules related to basketball. Famous Indian basketball players include Prashanti Singh, Paramjeet Singh, Sarabjit Singh, and Vishesh Bhriguwanshi.

Sol.41.(d) Let the quantity of acid and water be 5a and 3a respectively.
According to question,
$\frac{5a}{3a+12} = \frac{5}{6}$
30a = 15a + 60 ⇒ a = 4.
Therefore, quantity of acid = 5a = 20 liter

Sol.42.(b) According to question,



The ratio of their work will be 6 : 5.
Required difference = $\frac{5500 \times (6-5)}{(5+6)}$
= 500 Rs.

Sol.43.(d)
12 ÷ 3 of 4 − 88 + 75 + 6 × 2 of 15
= 12 ÷ 12 − 88 + 75 + 6 × 30
= 1 − 88 + 75 + 180 = 168

Sol.44.(d) According to question,
Sum of weight of all 8 members
= 70 × 8 = 560 kg
Required average = $\frac{560+70}{9}$ = 70 kg

Sol.45.(d) According to question,

Ratio -	initial	:	final
Price -	5	:	3
sales -	5	:	8
	25	:	24

Required % = $\frac{25-24}{25} \times 100$
= 4% decrease

Sol.46.(c) Let the age of mother be x.
Then age of father be $(x + 9)$
According to question,
$x + (x + 9) = (20 \times 11) - (13 \times 9)$
$2x + 9 = 103 \Rightarrow x = 47$.
Therefore, age of father = $(x + 9)$
= (47 + 9) = 56 years.

Sol.47.(a) According to question,
Difference between the C.I of two successive years = 880 - 800 = 80 Rs.
Rate of interest (r) = $\frac{80}{800} \times 100 = 10\%$

Sol.48.(d) According to question,
Ratio → Amar : Akram : Vaibhav

	3	:	1	: 1
	2	:	2	: 1
	6	:	2	: 1

Total work = (1 + 2 + 6) × 20 = 180 units.
Therefore, required time
= $\frac{180}{1}$ = 180 days.

Sol.49.(c) Let the speed of each train be S m/s
According to question,
⇒ $(S_1 + S_2) = \frac{(l_1+l_2)}{t}$
⇒ $(S + S) = \frac{(255+255)}{17}$ = 30 m/s
⇒ S = 15 m/s
Therefore, the speed of each train = 15 m/s.

Sol.50.(d) According to question,
Marked price = $3675 \times \frac{100}{35}$ = 10500 Rs.

Sol.51.(c)
Profit % = $\frac{1050-900}{900} \times 100 = 16.66\%$

Sol.52.(c)
Area of triangle = $\frac{1}{2}$ × base × height
Area of triangle = $\frac{1}{2} \times 12 \times \frac{12}{3} = 24\ cm^2$

Sol.53.(d)
Divisibility of 11 :- The difference of the sum of digits at odd position and sum of digits at even position in a number is 0 or divisible by 11.
4320 : (4 + 2) - (3 + 0) = 3 [not divisible by 11]
1442 : (4 + 2) - (1 + 4) = 1 [not divisible by 11]
8487 : (8 + 8) - (4 + 7) = 5 [not divisible by 11]
9196 : (9 + 9) - (1 + 6) = 11 [divisible by 11]

Sol.54.(c) $0.4\overline{27}$ = 0.4272727....
Let 0.4272727... be x.
Then, $10x$ = 4.272727... ---------(i)
And $1000x$ = 427.2727.... ----------(ii)
Subtracting (i) from (ii),
$990x = 423$
$x = \frac{423}{990} = \frac{423}{990}$
Alternate method :-
⇒ $0.4\overline{27} = \frac{427-4}{990} = \frac{423}{990}$

Sol.55.(d)
Let the marked price be 100 Rs.
According to question,
Cost price = $100 \times \frac{80}{100} \times \frac{100}{128}$ = 62.5 Rs.
required % = $\frac{100-62.5}{62.5} \times 100 = 60\%$

Sol.56.(b) According to question,
Ratio → Arun : Varun : Raju

	4	:	5	: 5
	10	:	10	: 7

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Final ratio → 40 : 50 : 35 or 8 : 10 : 7
⇒ 7 units = 140 marks
⇒ 8 units = $\frac{140}{7}$ × 8 = 160 marks
Hence, Arun's marks will be 160.

Sol.57.(b)
(+1) (+2) (+3)
$\frac{31 \times 32 \times 33}{5}$
$\Rightarrow \frac{1 \times 2 \times 3}{5}$
$\Rightarrow \frac{31 \times 32 \times 33}{5}$ → Remainder = 1

Sol.58.(d)
S.I = $\frac{P \times R \times T}{100}$ and Amount = S.I + P
According to question,
SI for 2 year = 1080 - 900 = 180
Principal = 900 - 180 = 720
180 = $\frac{720 \times R \times 2}{100}$
Rate of interest (R) = $\frac{180 \times 100}{720 \times 2}$
= 12.5 percent

Sol.59.(b) Let the price of each of 100 goods be Rs.1.
Then total cost price = 100 Rs.
According to question,
Total selling price
= $(\frac{80 \times 120}{100}) + (\frac{20 \times 70}{100})$
= (96) + (14) = 110 Rs.
Then, Profit % = $\frac{110 - 100}{100} \times 100$ = 10%

Sol.60.(d) According to question,
⇒ 10 unit = 200
Then 11 unit = $\frac{200 \times 11}{10}$ = 220
Therefore, marks of N = 220

Sol.61.(a) Many
'Many' is used with plural countable nouns. 'Businesses' is a plural noun. Hence, 'many' is the most appropriate answer.

Sol.62.(d) **Realistic-** sensible and understanding what is possible to achieve.
Absurd- not at all logical or sensible.
Salient- most noticeable or important.
Asinine- extremely stupid or foolish.
Inept- not able to do something well.

Sol.63.(b) We should be cautious about the accuracy of polls in this case.
'Cautious', 'accuracy' and 'polls' are the correct spellings.
Sol.64.(c) arduos
'Arduous' is the correct spelling.

Sol.65.(a) **Just around the corner-** occurring soon.

Sol.66.(c) **Composure-** the state of being calm.
Astonishment- great surprise.
Shock- the feeling that you get when something unpleasant happens suddenly.
Awe- a feeling of great respect mixed with fear or surprise.
Wonder- a feeling of surprise and admiration.

Sol.67.(b) chance to pass
'Chanced' must be replaced with the noun 'chance' as the adjective 'one' needs a singular noun to qualify its meaning. Hence, 'chance to pass' is the most appropriate answer.

Sol.68.(b) **It's a small world-** You frequently see the same people in different places.
E.g.- We bumped into each other again at the airport. It's a small world!

Sol.69.(d) prefers a heavy breakfast
'Many people' is a plural subject that will take 'prefer' as a plural verb. Hence, 'prefer a heavy breakfast' is the most appropriate answer.

Sol.70.(a) No improvement
The given sentence is grammatically correct.

Sol.71.(c) The greatly truths in life
'Greatly' is an adverb but we need an adjective (great) to qualify the noun 'truths'. Hence, 'The great truths in life ' is the most appropriate answer.

Sol.72.(a) **Stink-** a strong unpleasant smell.
Aroma- a noticeable and usually pleasant smell.
Scent- a distinctive smell, especially one that is pleasant.
Essence- the basic or most important idea or quality of something.
Brazen- bold and without shame.

Sol.73.(a) Hearing a love one's voice
'Loved one' is the correct phrase in which the adjective 'loved' describes the noun person. The given sentence uses an apostrophe ('s) with *one* to indicate possession of voice. Hence, *hearing a loved one's voice* is the most appropriate answer.

Sol.74.(c) every home
'Homely' is an adjective but in the given sentence we need a noun to be qualified by the adjective 'every'. Hence, 'every home ' is the most appropriate answer.

Sol.75.(b) **Estrange-** cause (someone) to be no longer on friendly terms with someone.
Alienate- to cause someone to be no longer close or affectionate.
Vacate- to leave a place or position.
Secure- free from danger.
Sever- to break or separate, especially by cutting.

Sol.76.(a) development
'Development' means growth and progress. The given passage states that education is a powerful tool for development and personal growth. Hence, 'development' is the most appropriate answer.

Sol.77.(b) seize
'Seize' means take (an opportunity) eagerly and decisively. The given passage states that education equips individuals with knowledge and skills, enabling them to seize opportunities and contribute to society. Hence, 'seize' is the most appropriate answer.

Sol.78.(a) innovative
'Innovative' means original and creative in thinking. The given passage states that a well-rounded education not only fosters academic excellence but also encourages innovative thinking and creativity. Hence, 'innovative' is the most appropriate answer.

Sol.79.(d) moral
'Moral' means concerned with the principles of right and wrong behaviour. The given passage states that education instills moral values and ethical principles in individuals. Hence, 'moral' is the most appropriate answer.

Sol.80.(d) seclusion
'Seclusion' means keeping apart from others. The given passage states that it is essential to eliminate barriers, such as seclusion and discrimination, that hinder equal access to quality learning opportunities. Hence, 'seclusion' is the most appropriate answer.

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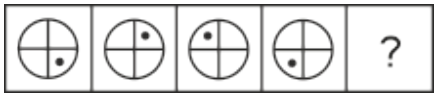
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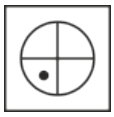
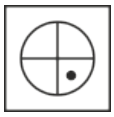
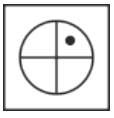
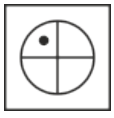
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Reasoning

Q.1. Which of the following equations will not be correct if the two numbers given below are interchanged?
3 and 7
(a) 7 + 3 × 4 - 6 = 25 (b) 7 × 8 - 3 + 2 = 19
(c) 8 + 7 - 3 = 4 (d) 7 × 2 + 3 - 4 = 11

Q.2. Select the figure from the given options which will come in place of the question mark (?) in the figure series?



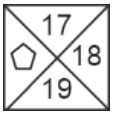
(a) 
(b) 
(c) 
(d) 

Q.3. In the following question some statements are given and some conclusions based on those statements are given. You have to consider the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and decide which of the given conclusions logically follows from the statements.
Statement:
I. No G is M.
II. Some A is M.
conclusion:
I. Some M are A.
II. Some M is G.
(a) Both conclusions I and II follow
(b) No conclusion follows
(c) Only conclusion I follows
(d) Only conclusion II follows

Q.4. In the following question, select the related letters from the given alternatives.
HSQ : FQO :: ZDF : ?
(a) ALE (b) XBD (c) IAK (d) SON

Q.5. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

Q.6. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AB, DC, EF, HG, ?
(a) IJ (b) IT (c) IM (d) IQ

Q.7. In a certain code language, TOGETHER' is written as '95', 'FUTURE' is written as '88', then how will 'FOREVER' be written in that code language?
(a) 86 (b) 102 (c) 96 (d) 89

Q.8. Given below are three positions of a dice. Which of the following options will appear on the panel opposite to the panel marked 'B'?



(a) A (b) E (c) F (d) D

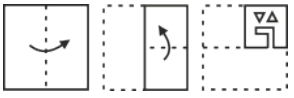
Q.9. Which of the following numbers will come in place of question mark (?) in the given series?
85, 95, ?, 96, 83, 97
(a) 93 (b) 86 (c) 84 (d) 94

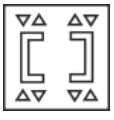
Q.10. Which of the following numbers will come in place of question mark (?) in the given series?
24, 12, 36, 18, ?, 27
(a) 68 (b) 42 (c) 54 (d) 48

Q.11. A is the husband of B. B is sister of C. C is mother of D. D is brother of E. E is wife of F. F is father of G. How is D related to F?
(a) mother (b) brother
(c) father (d) wife's brother

Q.12. After arranging the words given below as per the order in the English dictionary, which word will come at 'third' position?
1. Shrink 2. Shrug 3. Shriek
4. Shrimp 5. Shred
(a) Shrug (b) Shriek (c) Shrimp (d) Shrink

Q.13. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened ?



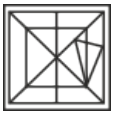
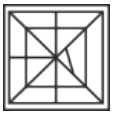
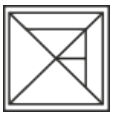
(a) 
(b) 
(c) 
(d) 

Q.14. Eight boys A, B, C, D, E, F, G and H are sitting in a row facing south (but not necessarily in the same order). A and H are sitting at the ends of the row. E and F are immediate neighbors of B. C sits fourth to the left of B. F sits immediate left of A. D is not an immediate neighbor of C. Who sits immediate left of F?
(a) C (b) E (c) A (d) B

Q.15. Which of the following letter - cluster will come at the blank position (_____) in the given series?
QLM, ____, SPQ, TRS, UTU, VVW
(a) RNO (b) MNO (c) RMQ (d) ONO

Q.16. From the option figures given below, select the figure in which the question figure is embedded. (rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.17. In a certain code language, 'TUMOR' is written as '27564', 'VAPOR' is written as '12345', and 'VOTER' is written as '86215'. How will 'O' be written in that code language?
(a) 1 (b) 4 (c) 3 (d) 2

Q.18. If 49 R 15 S 18 T 8 = -80 and 99 R 80 S 17 T 5 = 94, then 85 R 30 S 15 T 4 = ?
(a) 64 (b) 70 (c) 55 (d) 58

Q.19. Seven friends P, Q, R, S, T, U and V are sitting in a circle facing the centre. R sits third to the right of S and between U and T. S is not the neighbor of P. Q and T are neighbours. Who is sitting immediate left of Q?
(a) U (b) P (c) R (d) S

Q.20. From the following options, select the option which is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
Oman : Riyal :: India : Indian Rupee :: America : ?
(a) Dirham (b) Dollar (c) Pound (d) Euro

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General Awareness

Q.21. Jawara dance is a popular folk dance of _____.
(a) Kerala
(b) Gujarat
(c) Himachal Pradesh
(d) Madhya Pradesh

Q.22. 'Bathukamma' is related to which of the following states?
(a) Bihar (b) Telangana
(c) Punjab (d) Assam

Q.23. Who was the founder of Agra Gharana?
(a) Nathan Peerbaksh (b) Hassu Khan
(c) Haddu Khan (d) Khuda Baksh

Q.24. A ____ government rules within the limits established by constitutional law and civil rights.
(a) Monarchy (b) democratic
(c) dictatorship (d) autocratic

Q.25. What is the full form of the term "CRR" in the context of Indian banking?
(a) Cash Reserve Ratio
(b) Capital Recovery Rate
(c) Consumer Rights and Responsibilities
(d) Credit Rating Regulation

Q.26. Due to the failure of the third plan i.e. devaluation of the rupee (to promote exports) as well as recession of inflation, the fourth FYP was postponed and hence_____annual plans were introduced in its place.
(a) two (b) three (c) four (d) one

Q.27. Who among the following has written the book 'The Philosophy of the Bomb'?
(a) Alpana Dutt
(b) Bhagat Singh
(c) Bhagwati Charan Vohra
(d) Surya Sen

Q.28. According to the 2011 census, Hindus constitute 79.80% of the population of ____.
(a) Less than 80 crores
(b) More than 110 crores
(c) More than Rs 100 crore
(d) more than 90 crores

Q.29. The languages spoken in Jharkhand and parts of Central India mainly belong to which of the following language families?
(a) Tibeto-Burman family
(b) Austro-Asian family
(c) Dravidian family
(d) Indo-European family

Q.30. The right to freedom of speech and expression is given under which of the following articles of the Indian Constitution?
(a) Article 30 (b) Article 19
(c) Article 20 (d) Article 32

Q.31. Pashumurthy Ramalinga Sastry is related to which of the following dance styles?
(a) Kathak (b) Kuchipudi
(c) Sattriya (d) Bharatnatyam

Q.32. Namo Shetkari Mahasanman Yojana was launched by ___ state.
(a) Jharkhand (b) Maharashtra
(c) Madhya Pradesh (d) Gujarat

Q.33. What is "maiden over" in cricket?
(a) The over in which the bowler takes a wicket
(b) The over in which the batsman does not score any runs
(c) An over bowled by a spin bowler
(d) One over of six balls

Q.34. In November 2023, which of the following Indian skydivers jumped from a helicopter from a height of 21,500 feet in front of the world's highest peak Mount Everest?
(a) Lance Naik Manju (b) Shital Mahajan
(c) Anamika Sharma (d) Shweta Parmar

Q.35. Which of the following instruments is used to measure the distance covered by a vehicle?
(a) Speedometer (b) Fuel gauge
(c) Odometer (d) Tachometer

Q.36. According to the National Sample Survey Office (NSSO), the unemployment rate for people aged 15 years and above in urban areas declined to_____ percent during January-March 2023, from 8.2 percent a year ago.
(a) 5.1% (b) 9.2% (c) 6.8% (d) 2.4%

Q.37. The All India Kabaddi Federation came into existence in the year _____ and compiled standard rules.
(a) 1951 (b) 1952 (c) 1953 (d) 1950

Q.38. Indian football team won the Intercontinental Cup 2023 by defeating which country?
(a) Lebanon (b) Maldives
(c) Vanuatu (d) Mongolia

Q.39. In the year_____, the Planning Commission was established under the chairmanship of the Prime Minister.
(a) 1970 (b) 1850 (c) 1890 (d) 1950

Q.40. Who unveiled the statue of late Nathuram Mirdha in Nagaur, Rajasthan?
(a) President
(b) Vice President
(c) Governor of Rajasthan
(d) Prime Minister

Quantitative Aptitude

Q.41. One third of a certain journey is covered at a speed of 22 km/hr, one fourth at a speed of 33 km/hr and the remaining at a speed of 55 km/hr. What is the average speed for the entire journey?
(a) 27 km/hr (b) 36 km/hr
(c) 39 km/hr (d) 33 km/hr

Q.42. Two numbers are in the ratio 49 : 64. If both the numbers are increased by 10, their ratio becomes 54 : 69. What is the difference between the two numbers?
(a) 60 (b) 30 (c) 15 (d) 95

Q.43. Find the value of 14 ÷ (2 × 2) + 5.
(a) 8.5 (b) 6.3 (c) 5.8 (d) 7.4

Q.44. If 35% of the marked price of an article is equal to 45% of the cost price and if no discount is given on that article then find the profit percentage.
(a) 27.56% (b) 33.5%
(c) 22.5% (d) 28.57%

Q.45. Any amount invested at compound interest (compounded annually) becomes 3.24 times itself in 2 years. What is the annual interest rate ?
(a) 60 % (b) 75 % (c) 90 % (d) 80 %

Q.46. What is the rate of simple interest at which a sum of money will triple itself in 36 years?
(a) 5.80 percent (b) 5.20 percent
(c) 6.28 percent (d) 5.55 percent

Q.47. Three friends can build a wall in 5 days. If two more friends join them, how many days will it take to complete the same wall?
(a) 4.5 (b) 3 (c) 4 (d) 3.5

Q.48. Student Raju scored 30 marks more than student Raman and Raju's marks are equal to 60 percent of the sum of their marks. What are the marks obtained by Raju and Raman respectively?
(a) 50, 20 (b) 90, 60 (c) 60, 30 (d) 100, 70

Q.49. What is the total surface area of a cone whose radius is 15 cm and height is 8 cm?
(a) 1413.27 cm^2 (b) 1508.57 cm^2
(c) 1624.37 cm^2 (d) 1396.71 cm^2

Q.50. R and S can complete a work in 15

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days and 60 days respectively. They work alternate days and R starts the work on the first day. In how many days will the entire work be completed?
(a) 48 (b) 24 (c) 47 (d) 25

Q.51. If A : B = 7 : 4, then what is the value of (A + B) : (A - B) ?
(a) 11 : 4 (b) 11 : 6 (c) 11 : 3 (d) 11 : 5

Q.52. If the average of A and B is 30 and the average of B and C is 60, then what is the difference between C and A?
(a) 60 (b) 50 (c) 48 (d) 62

Q.53. If 60 tables are purchased for Rs 14800, how many tables should be sold for Rs 14800 to get a profit of 20 percent?
(a) 40 (b) 54 (c) 50 (d) 48

Q.54. If 60 is subtracted from a number, then that number becomes 85 percent of itself. What is that number?
(a) 500 (b) 400 (c) 200 (d) 300

Q.55. The marked price of an article is Rs 2280. If a discount of 40 percent is given, what will be the selling price of the article?
(a) Rs 1272 (b) Rs 1248
(c) Rs 1368 (d) Rs 1342

Q.56. Simplify 18 ÷ (3 + 5) - 2
(a) 1.9 (b) 3.5 (c) 0.25 (d) 4

Q.57. Out of four numbers, the average of the first three numbers is 24 and the average of the last three numbers is 29. If the last number is 33, find the first number.
(a) 15 (b) 16 (c) 17 (d) 18

Q.58. The product of two numbers is 3375, and their greatest common multiple is 15. Find their least common multiple.
(a) 225 (b) 250 (c) 220 (d) 215

Q.59. If the selling price and cost price of a shirt are Rs 1430 and Rs 1000 respectively, then what is the profit percentage?
(a) 43 % (b) 37 % (c) 44 % (d) 40 %

Q.60. The least common multiple of 6 and 29 is X, the greatest common multiple of 6 and 29 is Y. So what is the value of (X + 4Y)?
(a) 180 (b) 190 (c) 244 (d) 178

English

Q.61. Choose the word that means the same as the given word.
Denizen
(a) Transient (b) Exile
(c) Visitor (d) Habitat

Q.62. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/words.
(a) That was still the state of things when the car got to the hotel.
(b) Silas might have driven a profitible trade in charms as well as in his small list of drugs.
(c) The old man said that what a man wanted was sympathy, and the judge said it was so.
(d) Tommy telephoned a man in Cannes to act as second and McKisco said he wasn't going to be seconded by Campion.

Q.63. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
(We are used of being) happy together every day, and I can't think of happiness without him.
(a) We have used to been
(b) No correction required
(c) We are used to being
(d) We were use to being

Q.64. Select the most appropriate word to fill in the blank.
He has to look after his_____ aunt.
(a) edge (b) age old (c) ages (d) aged

Q.65. Choose the option which is antonym of (opposite of) the word "abase" in the sentence given below:
She couldn't help but smile when he gave her a sincere compliment on her artwork.
(a) smile (b) compliment
(c) sincere (d) help

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Governments around the world need to took dramatic action towards massive investments in health, sanitation, and basic income
(a) took dramatic action towards massive
(b) Governments around the world need to
(c) investments in health, sanitation, and basic income
(d) No error

Q.67. Select the sentence with no spelling errors.
(a) Volunteering is linked to better mental and physical welbeing.
(b) Volunteering is linked to better mental and physical wellbeing.
(c) Voluntering is linked to better mental and physical wellbeing.
(d) Volunteering is linked to beter mental and physical wellbeing

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I waited for so more years to be with you.
(a) I waited for so more (b) years to be
(c) with you (d) No error

Q.69. Select the most appropriate option for the given blank.
Choose the right resolution_____ your project.
(a) in (b) to (c) for (d) by

Q.70. Select the most appropriate option for the given blank.
Don't_____your voice at me
(a) pull (b) erupt (c) keep (d) raise

Q.71. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/ Phrase.
Full of beans
(a) Full of energy and life
(b) Very dramatic
(c) Full of secrets
(d) Bad drinking habits

Q.72. Choose the most appropriate antonym of the underlined word.
Russia brandishes the threat of a gas cutoff to squeeze Kiev and **coerce** Europe.
(a) Force (b) Intimidate
(c) Assist (d) Bully

Q.73. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
I felt nervous all through the interview, but I replied **as well as was possible** for anyone in the situation.
(a) Through thick and thin
(b) Eats like a bird
(c) Run out of steam
(d) To the best of one's ability

Q.74. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I saw so much of those peasant carts in your yard.
(a) No error (b) of those peasant
(c) I saw so much (d) carts in your yard.

Q.75. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.

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We saw a yellow coloured bus full of excited children.
(a) yellowing coloured
(b) yellower coloured
(c) No improvement
(d) yellow colouring

Cloze Test :
Direction :- [Q.76. to Q.80.]
Don't (76)___ guilty for feeling disengaged from the news. It's normal to find it distressing when (77)_____ traumatic news stories, or seeing distressing images. This (78)____ technique is called avoidance and explains why so many of us want to switch (79)_____ from troubling things. Knowing and accepting that this is a normal (80)____ given the circumstances is the initial step to overcoming compassion fatigue.

Q.76. (a) sense (b) bear (c) feel (d) say

Q.77. (a) taunting (b) liberating
(c) hearing (d) trapping

Q.78. (a) condemn (b) coping
(c) principal (d) hoping

Q.79. (a) by (b) about
(c) along (d) away

Q.80. (a) comeback (b) caustic
(c) perseverance (d) response

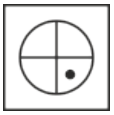
Answer Key :-

1.(d)	2.(b)	3.(c)	4.(b)
5.(c)	6.(a)	7.(a)	8.(c)
9.(c)	10.(c)	11.(d)	12.(c)
13.(b)	14.(d)	15.(a)	16.(a)
17.(d)	18.(c)	19.(d)	20.(b)
21.(d)	22.(b)	23.(d)	24.(b)
25.(a)	26.(b)	27.(c)	28.(d)
29.(b)	30.(b)	31.(b)	32.(b)
33.(b)	34.(b)	35.(c)	36.(c)
37.(d)	38.(a)	39.(d)	40.(b)
41.(d)	42.(b)	43.(a)	44.(d)
45.(d)	46.(d)	47.(b)	48.(b)
49.(b)	50.(b)	51.(c)	52.(a)
53.(c)	54.(b)	55.(c)	56.(c)
57.(d)	58.(a)	59.(a)	60.(d)
61.(d)	62.(b)	63.(c)	64.(d)
65.(b)	66.(a)	67.(b)	68.(a)
69.(c)	70.(d)	71.(a)	72.(c)
73.(d)	74.(c)	75.(c)	76.(c)
77.(c)	78.(b)	79.(d)	80.(d)

Solutions :-

Sol.1.(d) After checking all options one by one , only option (d) satisfies the condition
7 × 2 + 3 - 4 = 11
After interchanging 3 and 7 we get
3 × 2 + 7 - 4 = 9
L.H.S. ≠ R.H.S.

Sol.2.(b)

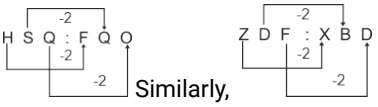


Sol.3.(c)



Only conclusion I follows.

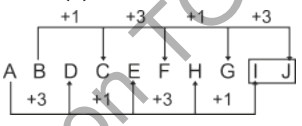
Sol.4.(b)



Sol.5.(c)



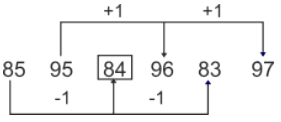
Sol.6.(a)



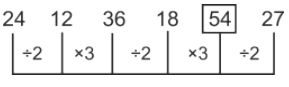
Sol.7.(a) Logic:- (Sum of the place value of letters) - 3
TOGETHER :- (20 + 15 + 7 + 5 + 20 + 8 + 5 + 18) - 3= 98 - 3 = 95
FUTURE :- (6 + 21 + 20 + 21 + 18 + 5) - 3 = 91 - 3 = 88
Similarly,
FOREVER :- (6 + 15 + 18 + 5 + 22 + 5 + 18) - 3 = 89 - 3 = 86

Sol.8.(c) From the second and third dice A and E are common. So the opposite face of B is F.

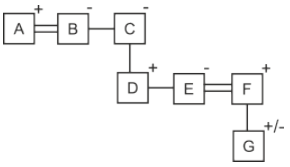
Sol.9.(c)



Sol.10.(c)



Sol.11.(d)



D is the brother of F's wife.

Sol.12.(c) The correct order is
Shred(1) → Shriek(2) → Shrimp(3) → Shrink(4) → Shrug (5)

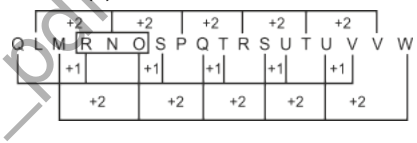
Sol.13.(b)



Sol.14.(d)



Sol.15.(a)



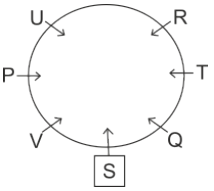
Sol.16.(a)



Sol.17.(d)
T U M O R → 2 7 5 6 4
V A P O R → 1 2 3 4 5
V O T E R → 8 6 2 1 5
From the line 1 , 2 and 3 letters (O , R) and number (2, 5) are common. The code of O can be either 2 or 5 ,but in option , 2 is given. The correct answer is 2.

Sol.18.(c) Logic :- Interchange R,S and T with + , - and × respectively.
49 R 15 S 18 T 8
49 + 15 - 18 × 8 ⇒ 64 - 144 = -80
And 99 R 80 S 17 T 5
99 + 80 - 17 × 5 ⇒ 179 - 85 = 94
Similarly,
85 R 30 S 15 T 4
85 + 30 - 15 × 4 ⇒ 115 - 60 = 55

Sol.19.(d)



Sol.20.(b) As Rial is the currency of Oman , the Indian rupees is the currency of India similarly dollar is the currency of America.

Sol.21.(d) Madhya Pradesh. Jawara dance is mainly famous in the

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Bundelkhand region among the peasant community. Folk Dances of Different States in India : Madhya Pradesh - Matki, Aada, Khada Nach, Phulpati, Grida Dance. Himachal Pradesh - Jhora, Jhali, Chharhi. Kerala - Kathakali, Ottam Thulal, Mohiniattam. Gujarat - Garba, Dandiya Raas.

Sol.22.(b) Telangana. Bathukamma is a floral festival celebrated every year according to the Satavahana calendar for nine days, starting from Bhadrapada Pournami until Durgashtami. Festivals of India : Telangana - Bonalu, Ugadi, Kothakonda Jatara. Bihar - Bihula, Chhath Puja, Rajgir Mahotsav. Assam - Ambubachi festival, Bohag Bihu. Punjab - Lohri.

Sol.23.(d) Khuda Baksh (1790–1880 AD)**.** He introduced the "Khayal" style of the Gwalior Gharana into the Agra Gharana, which he learned from Natthan Paribaksh of Gwalior. Gharanas of Indian Music and Founder: Benaras Gharana - Pandit Ram Sahai, Indore Gharana - Ustad Amir Khan, Ramdasi Gharana - Baba Ramdas Bairagi, Rampur-Sahaswan Gharana - Ustad Inayat Hussain Khan.

Sol.24.(b) democratic. Monarchy: Led by a king or queen; power may be absolute or limited by a constitution. Dictatorship: One person or a small group has total control; laws and civil rights are often ignored. Autocratic: One person has absolute power; there are no limits on their authority, and civil rights are usually not protected.

Sol.25.(a) Cash Reserve Ratio: It is a monetary policy tool used by the central bank, such as the Reserve Bank of India, to regulate the money supply in the economy. It requires commercial banks to keep a specific percentage of their deposits as reserves with the central bank.

Sol.26.(b) three. During the period of 1966-69, known as the 'Plan holiday,' three Annual Plans were implemented instead of a single Five-Year Plan. During these plans, a new agricultural strategy was introduced, involving the widespread distribution of high-yielding varieties of seeds, extensive use of fertilizers, exploitation of irrigation potential, and soil conservation.

Sol.27.(c) Bhagwati Charan Vohra was born in July 1904 in Lahore, which is now in Pakistan. He was associated with the Naujawan Bharat Sabha. Books and Authors: 'Why I am an Atheist'- Bhagat Singh, Conquest of self - Mahatma Gandhi, Sceptred Flute - Sarojini Naidu, Savitri - Aurobindo Ghosh.

Sol.28.(d) more than 90 crores. Total Population in 2011 is 121.09 crores: Hindu 96.63 crores (79.8%), Muslim 17.22 crores (14.2%), Christian 2.78 crores (2.3%), Sikh 2.08 crores (1.7%), Buddhist 0.84 crores (0.7%), Jain 0.45 crores (0.4%), Other Religions & Persuasions (ORP) 0.79 crores (0.7%) and Religion Not Stated 0.29 crores (0.2%).

Sol.29.(b) Austro-Asian family. There are mainly four families of languages in India : Indo-European family, Tibeto-Burman family, Austro-Asian family and Dravidian family. Indo-European family - This includes languages such as Sanskrit, Assamese, Gujarati, Hindi, Kashmiri, and Sindhi. Tibeto-Burman family - The languages spoken in the north-east of India belong to the Tibeto-Burman family. An example is Khasi. Dravidian family - This family includes languages like Tamil, Telugu, Kannada, and Malayalam.

Sol.30.(b) Article 19 deals with the six Fundamental Rights. They are: Freedom of speech and expression, Freedom of assembly, Freedom of association, Freedom of movement, Freedom of residence, Freedom of occupation. Article 20: Protection in respect of conviction for offences. Article 30: Right of minorities to establish and administer educational institutions. Article 32: Right to Constitutional Remedies.

Sol.31.(b) Kuchipudi (Andhra Pradesh). Pashumurthy Ramalinga Shastri won the Sangeet Natak Akademi Award in 2018. Classical dance forms of India and their exponents: Kuchipudi - Yamini Reddy, Kaushalya Reddy, Lakshmi Narayan Shastri. Kathak (North India) - Shambhu Maharaj, Lachhu Maharaj, and Acchan Maharaj. Bharatanatyam (Tamil Nadu) - Meenakshi Sundaram Pillai, Balasarswati. Sattriya (Assam) - Maniram Datta Moktar.

Sol.32.(b) Maharashtra. The Namo Shetkari Mahasanman Yojana scheme is modeled after the PM Kisan Samman Nidhi. Under this scheme, farmers receive ₹6,000 annually as minimum income support. Upon approval, the support amount can be increased to ₹12,000 per year. Government Schemes: Mukhyamantri Kanya Utthan Yojana - Bihar, Mukhyamantri Seva Sankalp Helpline - Himachal Pradesh, Shiv Bhojan Scheme - Maharashtra.

Sol.33.(b) Cricket is a bat-and-ball game played between two teams of eleven players on a circular or oval-shaped field. Its terminology includes LBW (Leg Before Wicket), no ball, powerplay, yorker, run out, cover, midwicket, mid-on, and forward short leg etc.

Sol.34.(b) Shital Mahajan. She is the first woman to perform a parachute jump without training over both the North Pole and Antarctica, and she is also the youngest to jump over both poles without trials. Lance Naik Manju is the first Indian woman soldier skydiver. Shweta Parmar is the first woman skydiver from Gujarat, making a daring descent from 13,000 feet in Thailand.

Sol.35.(c) Odometer. Scientific Instruments : Speedometer - An instrument placed in a vehicle to record its speed. Tachometer - An instrument used to measure the speed of aeroplanes and motor boats. Fathometer - Measures the depth of the ocean. Audiometer- Gauges the intensity of sound. Pyrometer - Measures very high temperatures.

Sol.36.(c) 6.8%. The National Sample Survey Office (NSSO) is responsible for conducting large-scale sample surveys on an all-India basis. The NSSO was integrated with the Central Statistical Office (CSO), and together they now form the National Statistical Office (NSO). The Ministry of Statistics and Programme Implementation serves as the nodal agency for all statistical activities at the All-India level.

Sol.37.(d) 1950. Kabaddi is a combative sport played with seven players on each side. The players on the defensive side are called "Antis," while the player on the offense is known as the "Raider." Kabaddi Federations and Establishment Years : Amateur Kabaddi Federation of India (AKFI) was established in 1972, International Kabaddi Federation was founded in 2004, with its headquarters in Jaipur.

Sol.38.(a) Lebanon. India beat Lebanon 2-0 in the final at the Kalinga Stadium. The Intercontinental Cup was an annual football competition held between the winners of the European Cup/UEFA Champions League and the Copa Libertadores, from 1960 to 2004. It was the first world club championship and

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was considered the most prestigious club competition globally until the FIFA Club World Cup was inaugurated in 2000.

Sol.39.(d) 1950. The Planning Commission was established in March 1950 to improve living standards by utilizing resources, increasing production, and creating employment. It was replaced by NITI Aayog, founded on 1 January, 2015.

Sol.40.(b) Vice President. Nathuram Mirdha was a six-time Member of Lok Sabha and served as a Union Minister from 1979-80 and 1989-90.

Sol.41.(d) Let the distance be x

Average speed = $\frac{Total\ distance}{total\ time}$

$= \frac{x}{\frac{x}{22\times3}+\frac{x}{33\times4}+\frac{5x}{55\times12}}$

$= \frac{x}{\frac{10x+5x+5x}{660}} = \frac{660x}{20x}$ = 33 km/hr

Sol.42.(b) Initial ratio → 49 : 64

New ratio → 54 : 69

Because the difference in both condition is equal, (54 - 49 = 69 - 64 = 5)

So,

⇒ 5 unit = 10

⇒ (64 - 49) unit = $\frac{10}{5}$ × 15 = 30

Sol.43.(a) 14 ÷ (2 × 2) + 5

= 14 ÷ 4 + 5 = 3.5 + 5 = 8.5

Sol.44.(d) According to question,

⇒ M.P × 35% = CP × 45%

⇒ $\frac{MP}{CP} = \frac{45}{35} = \frac{9}{7}$

Profit percentage = $\frac{2}{7}$ × 100 = 28.57%

Sol.45.(d) Let the amount be A and principal amount be P

According to question,

⇒ A = 3.24P ⇒ $\frac{A}{P} = \frac{3.24}{1}$

So,

⇒ A = P$(1 + \frac{R}{100})^n$ ⇒ $\frac{3.24}{1} = (1 + \frac{R}{100})^2$

⇒ $\frac{324}{100} = (1 + \frac{R}{100})^2$ ⇒ $1 + \frac{R}{100} = \frac{18}{10}$

⇒ $\frac{R}{100} = \frac{8}{10}$ ⇒ R = 80%

Sol.46.(d) According to question,

Let the principal is 1 unit

So, the interest will be 2 units

⇒ $2 = \frac{1\times36\times R}{100}$ ⇒ R = $\frac{200}{36}$ = 5.55%

Sol.47.(b) According to question,

⇒ 3 × 5 = (3 + 2) × x ⇒ x = 3 days

Sol.48.(b) Let the score of Raman is x and score of Raju is x + 30

According to the question,

⇒ x + 30 = $(x + 30 + x) \times \frac{60}{100}$

⇒ 10x + 300 = 12x + 180

⇒ 2x = 120 ⇒ x = 60

So, the score of Raman and Raju will be 60 and 90 respectively,

Sol.49.(b) Given: radius = 15 cm and height = 8 cm

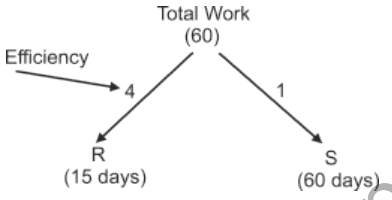
Slant height (l)

= $\sqrt{15^2 + 8^2} = \sqrt{225 + 64}$ = 17 cm

Total Surface area of a cone = πr(r + l)

= $\frac{22}{7}$ × 15 × (15 + 17) = 1508.57 cm^2

Sol.50.(b)



R's one day work = 4 unit

S's second day work = 1 unit

2 days work of R and S = 5 unit

So,

5 unit = 2 days

60 unit = $\frac{2}{5}$ × 60 = 24 days

Sol.51.(c) (A + B) : (A - B)

= (7 + 4) : (7 - 4) = 11 : 3

Sol.52.(a) Average of A and B = 30

Sum of A and B = 60 .....(i)

Average of B and C = 60

Sum of B and C = 120 ....(ii)

Subtract equation (i) from equation (ii)

⇒ B + C - A - B = 120 - 60 ⇒ C - A = 60

Sol.53.(c) Cost price of 60 table = 14800

Cost price of 1 table = $\frac{14800}{60} = \frac{740}{3}$

According to question,

Selling price of 1 table = $\frac{740}{3} \times \frac{6}{5}$ = 296

Now,

Number of table = $\frac{14800}{296}$ = 50

Sol.54.(b) Let the number be x

According to question,

⇒ x - 60 = $x \times \frac{85}{100}$ ⇒ 20x - 1200 = 17x

⇒ 3x = 1200 ⇒ x = 400

Sol.55.(c) Selling price

= 2280 × $\frac{60}{100}$ = ₹ 1368

Sol.56.(c) 18 ÷ (3 + 5) - 2

= 18 ÷ 8 - 2 = 2.25 - 2 = 0.25

Sol.57.(d) Let the four numbers be a, b, c and d respectively,

a + b + c = 72 .....(i)

b + c + d = 87 .....(ii)

Subtract equation (i) to (ii),

a - d = 72 - 87

a - 33 = - 15 (given that d = 33)

⇒ a = 18

Sol.58.(a) We know that,

⇒ LCM × HCF = 1st number × 2nd number

⇒ LCM × 15 = 3375⇒ LCM = $\frac{3375}{15}$ = 225

Sol.59.(a) SP = 1430 and CP = 1000

Profit percentage = $\frac{(1430-1000)}{1000}$ × 100

= 43%

Sol.60.(d) LCM of (6, 29) = 174 = X

HCM of (6, 29) = 1 = Y

Now,

(X + 4Y) = (174 + 4 × 1) = 178

Sol.61.(d) Habitat- the natural home of a plant or an animal.

Denizen- a person, animal, or plant that lives or is found in a particular place.

Transient- continuing for a short period of time.

Visitor- a person who comes to spend time with or stay with others.

Exile- the state of being forced to live outside your own country.

Sol.62.(b) Silas might have driven a profitible trade in charms as well as in his small list of drugs.

'Profitable' is the correct spelling.

Sol.63.(c) We are used to being

There are some phrases that are always followed by a gerund(V_{ing}). Such phrases are 'with a view to, looking forward to, in addition to, accustomed to, habituated to, be used to, prone to, etc.' Hence, 'used to being(V_{ing})' is the most appropriate answer.

Sol.64.(d) aged

The given sentence needs an adjective to qualify the noun 'aunt'. 'Aged' is an adjective, meaning very old. Hence, 'aged' is the most appropriate answer.

Sol.65.(b) Compliment- to praise or express admiration.

Abase- to behave in a way that belittles or degrades (someone).

Sincere- (of a person) saying what they genuinely feel or believe.

Sol.66.(a) took dramatic action towards massive

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'To + V_1', also known as infinitive, is the correct grammatical structure. Hence, 'take(V_1) dramatic action towards massive' is the most appropriate answer.

Sol.67.(b) Volunteering is linked to better mental and physical wellbeing.
'Volunteering', 'better' and 'wellbeing' are the correct spellings.

Sol.68.(a) I waited for so more
'Many' is used with plural countable nouns. 'Years' is a plural noun. Hence, 'I waited for so many' is the most appropriate answer.

Sol.69.(c) for
'For' is used to indicate the person or thing for which something is meant. The given sentence is asking someone to choose the right resolution meant for the project. Hence, 'for' is the most appropriate answer.

Sol.70.(d) raise
'Raise your voice' means to speak loudly, especially because one is angry. The speaker of the given sentence is telling a person not to raise his voice at him. Hence, 'raise' is the most appropriate answer.

Sol.71.(a) Full of beans- full of energy and life.
E.g.- After a long weekend of rest, the kids were full of beans and couldn't wait to play outside.

Sol.72.(c) Assist- to give help or support to a person.
Coerce- to persuade someone forcefully to do something that they are unwilling to do.
Intimidate- to frighten or threaten somebody.
Bully- someone who intimidates people, usually those who are weaker or smaller.

Sol.73.(d) To the best of one's ability- as well as possible.

Sol.74.(c) I saw so much
'Much' must be replaced with 'many' because much is used with uncountable nouns and many is used with plural countable nouns. 'Carts' is a plural countable noun. Hence, 'I saw so many' is the most appropriate answer.

Sol.75.(c) No improvement
The given sentence is grammatically correct.

Sol.76.(c) feel
'Feel' is the correct verb to use with 'guilty'. 'Feel' is a stative verb that requires an adjective ('guilty') denoting some kind of feeling. Hence, 'feel' is the most appropriate answer.

Sol.77.(c) hearing
The given passage states that It's normal to find it distressing when hearing traumatic news stories, or seeing distressing images. Hence, 'hearing' is the most appropriate answer.

Sol.78.(b) coping
'Coping' means a technique or strategy for dealing with stress or difficult situations. The given passage states that this coping technique is called avoidance. Hence, 'coping' is the most appropriate answer.

Sol.79.(d) away
The given passage states that this coping technique is called avoidance and explains why so many of us want to switch away from troubling things. Hence, 'away' is the most appropriate answer.

Sol.80.(d) response
'Response' is a reaction to something. The given passage states that knowing and accepting that this is a normal response as per the circumstances is the initial step to overcoming compassion fatigue. Hence, 'response' is the most appropriate answer.

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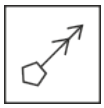
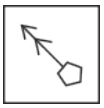
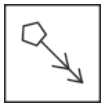
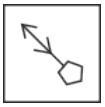
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SSC GD Constable
28/02/2024 (1st Shift)

Reasoning

Q.1. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.2. Five colleagues Alok, Bhavana, Chetan, Divya, and Ekta are seated at a circular table facing the center. Chetan, who is sitting to the immediate left of Ekta, is also second to the right of Divya. Bhavana is not sitting next to Chetan. Who is sitting second to the right of Bhavana?
(a) Chetan (b) Alok (c) Divya (d) Ekta

Q.3. In the following question, select the related letter pair from the given alternatives
KX : LZ : : ?
(a) PS : QU (b) MO : AZ
(c) TU : AA (d) CB : AA

Q.4. Which two signs should be interchanged to make the given equation correct?
12 × 3 +11 ÷ 4 - 32 = 16
(a) × and + (b) × and ÷
(c) × and - (d) + and ÷

Q.5. Five persons A, B, C, D and E are sitting around a circular table facing towards the centre (not necessarily in the same order). Only one person is sitting between C and D (when counted from one side only). B is sitting second to the left of D. A is sitting to the immediate right of B. Who is sitting on the immediate right of C?
(a) E (b) A (c) D (d) B

Q.6. Which of the following letter cluster will replace the blank (_____) in the given series?
BMM, DOO,_____, HSS, JUU
(a) EQQ (b) FQQ (c) FPP (d) ERR

Q.7. In the following question, select the figure which can be placed at the sign of question mark (?) from the given.
Alternatives



(a) 

(b) 

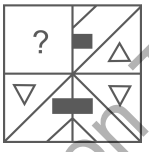
(c) 

(d) 

Q.8. Arrange the given words in the sequence in which they occur in the dictionary.
1. Award 2. Await 3. Away
4. Awake 5. Aware
(a) 2, 4, 1, 5, 3 (b) 3, 2, 1, 5, 4
(c) 3, 2, 1, 4, 5 (d) 2, 4, 1, 3, 5

Q.9. "If 'R × S' means 'R is the mother of S'.
If 'R + S' means 'R is the son of S'.
If 'R ÷ S' means 'R is the daughter of S'.
If 'R - S' means 'R is the husband of S'.
How is A related to B in the expression
'A + D - C × B' ?
(a) Son (b) Brother
(c) Husband (d) Father

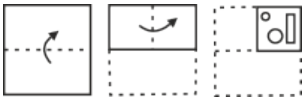
Q.10. Which answer figure will complete the pattern in the question figure? (rotation is NOT allowed)

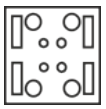
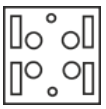
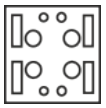
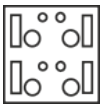


(a) 
(b) 
(c) 
(d) 

Q.11. Which two numbers should be interchanged to make the given equation correct?
25 - 28 + 21 × 10 ÷ 5 = 43
(a) 5 and 28 (b) 21 and 25
(c) 10 and 43 (d) 21 and 28

Q.12. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened



(a) 
(b) 
(c) 
(d) 

Q.13. In a certain code language, 'SLOT' is coded as 'PHLP". What is the code for 'YOGA' in that code language?
(a) VKEW (b) VKDW (c) VKDV (d) VKCW

Q.14. In the following question, select the related letters from the given alternatives.
AZC : VUX : : SUS : ?
(a) NPN (b) DCQ (c) BAX (d) CKM

Q.15. Which of the following numbers will replace the question mark (?) in the given series?
83, 79, 74, 68, 61, 53, ?
(a) 48 (b) 44 (c) 42 (d) 46

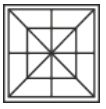
Q.16. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I: Some phones are laptops.
Statement II: Some laptops are tablets.
Statement III: Some tablets are desktops.
Conclusion I: Some phones are desktops.
Conclusion II: All tablets are phones
(a) Neither conclusion I nor II follows
(b) Only conclusion II follows
(c) Only conclusion I follows
(d) Both conclusions I and II follow

Q.17. Which of the following letter cluster will replace the question mark (?) in the given series?
YT, ?, AR, BQ, CP, DO
(a) XU (b) XS (c) ZS (d) ZU

Q.18. In the following question, select the missing number from the given series.
625, 600, 575, 550, 525, ?
(a) 518 (b) 490 (c) 510 (d) 500

Q.19. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is NOT allowed)



(a) 
(b) 
(c) 
(d) 

Q.20. In a certain code language, if PANTRY is coded as '274365', STEADY is coded as '931785', then what will 'DATES' be coded as?

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(a) 87319 (b) 03847
(c) 83974 (d) 23915

General Awareness

Q.21. Which Law of Newton states that for every action (force) in nature there is an equal and opposite reaction?
(a) 2nd (b) 1st (c) 4th (d) 3rd

Q.22. In India, "APEDA" is related to which of the following?
(a) Arms and ammunition (b) Agriculture
(c) IT Services (d) Highways

Q.23. As of July 2023, who has become the second longest serving Chief Minister of an Indian states?
(a) Shivraj Singh Chauhan
(b) Yogi Adityanath
(c) Pawan Kumar Chamling
(d) Naveen Patnaik

Q.24. _____is the first Indian dancer, a transgender, to be honoured with Padma Shri.
(a) Protima Bedi
(b) Alarmel Valli
(c) Narthaki Nataraj
(d) Yamini Krishnamurthy

Q.25. What was India's literacy rate at the time of independence in 1947?
(a) 34% (b) 12% (c) 25% (d) 23%

Q.26. _____has been invited as the chief guest for India's Republic Day celebrations 2023, marking the first time for this nation's President to receive this honour
(a) Vladimir Putin (b) Angela Merkel
(c) Xi Jinping (d) Abdel Fattah El-Sisi

Q.27. Which sport is the Wimbledon trophy associated with?
(a) Cricket (b) Hockey
(c) Lawn Tennis (d) Polo

Q.28. The Constituent Assembly of India was set up in which year?
(a) 1945 (b) 1948 (c) 1947 (d) 1946

Q.29. The Sixth Economic Census of India was conducted in which of the following years?
(a) 2017 (b) 2009 (c) 2019 (d) 2013

Q.30. Which of the following won the maximum number of total medals in the National Games 2023?
(a) Maharashtra (b) Services
(c) Kerala (d) Delhi

Q.31. Gautama Buddha decided to find his own path to realisation, and meditated for days on end under a_____tree at Bodh Gaya in Bihar .
(a) Peepal (b) Sal (c) Teak (d) Neem

Q.32. The spring festival of Holi is celebrated as Yaoshang by the Meitei tribe in the state of_____lasting about six days
(a) Maharashtra (b) Manipur
(c) West Bengal (d) Goa

Q.33. Which of the following Acts allowed detention of political prisoners without trial for two years?
(a) Rowlatt Act
(b) Arms Act
(c) Vernacular Press Act
(d) Government of India Act 1935

Q.34. Who was the renowned Indian Carnatic singer and the first artist to receive both the Bharat Ratna and the Ramon Magsaysay Award?
(a) Asha Bhosle
(b) Lata Mangeshkar
(c) MS Subbulakshmi
(d) M. Balamuralikrishna

Q.35. Article 163 of the Indian Constitution is related to which of the following?
(a) Conduct of Business of the Government of a State
(b) Constitution of Legislatures in States
(c) Council of Ministers to aid and advise Governor
(d) Advocate-General for the State

Q.36. Every year the Flamingo festival is celebrated at the Pulicat Lake near the Nellapattu Bird Sanctuary located in ____.
(a) Kerala (b) Goa
(c) Andhra Pradesh (d) Maharashtra

Q.37. Read the following about the impact of Green Revolution in India.
A. India became self-sufficient in food-grains and had sufficient stock in the central pool, even, at times, India was in a position to export food-grains.
B. The per capita net availability of food-grains has also increased.
Identify the CORRECT statement /statements
(a) Only B (b) Only A
(c) Both A and B (d) Neither A nor B

Q.38. Which measure captures the difference between the government's total expenditure and total receipts, excluding borrowing?
(a) Primary Deficit
(b) Fiscal Deficit
(c) Gross Fiscal Deficit
(d) Revenue Deficit

Q.39. In table tennis, a serve that hits the net but still goes over and lands in the opponent's service area is called a:
(a) Fault (b) Stroke (c) Net ball (d) Let

Q.40. Ghoomar dance is associated with which of the following states?
(a) Maharashtra (b) Punjab
(c) Rajasthan (d) Madhya Pradesh

Quantitative Aptitude

Q.41. M is two times as efficient as N. M can complete a work in 66 days less than N. If both of them work together, then in how many days will the same work be completed?
(a) 123 (b) 44 (c) 132 (d) 46

Q.42. One third part of a certain journey is covered at the speed of 24 km/hr, one fourth part at the speed of 36 km/hr and the rest part at the speed of 60 km/hr. What will be the average speed for the whole journey?
(a) 42 km/hr (b) 36 km/hr
(c) 28 km/hr (d) 38 km/hr

Q.43. The average age of a group of 9 members is 42 years. The age of the eldest member is 58 years. If we exclude that eldest member from the group, then what will be the average age of the remaining members?
(a) 43 years (b) 47 years
(c) 49 years (d) 40 years

Q.44. The radius of a circle is increased by 35 percent. What will be the percentage increase in its area?
(a) 92.5 percent (b) 70 percent
(c) 82.25 percent (d) 75 percent

Q.45. What is the value of
$42 \div 3 \times [7 + (42 \div 6)] \div 2$ of 7 ?
(a) 28 (b) 14 (c) 56 (d) 196

Q.46. Find the area of the triangle whose height is 35.7 cm and the base is $\frac{1}{7}$ th of the height
(a) 85.35 cm² (b) 81.055 cm²
(c) 80.055 cm (d) 91.035 cm²

Q.47. A shirt is bought for $30 and sold for $40. Find the profit percentage
(a) 25% (b) 11.11% (c) 30% (d) 33.33%

Q.48. 40 percent of the cost price of an article is equal to the 30 percent of its selling price. What is the profit percentage?
(a) 30% (b) 33.33% (c) 50% (d) 66.66%

Q.49. If $(5m + n) : (5m - n) = 5 : 2$, then what is the value of m : n ?

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(a) 9 : 17 (b) 7 : 15 (c) 5 : 9 (d) 8 : 9

Q.50. An electronic gadget is sold for ₹25,500 at a discount of 15%. What was its marked price?
(a) Rs. 30,000 (b) Rs. 29,000
(c) Rs. 33,000 (d) Rs. 28,000

Q.51. Find the value of
13 [45 + 4{257 - 3 (29 + 33)}].
(a) 6288 (b) 3266 (c) 5244 (d) 4277

Q.52. The compound interest (compounding annually) on a sum of money for the first year is Rs. 600, and for the second year. It is Rs. 660. Find the rate of interest per annum
(a) 11% (b) 8% (c) 12% (d) 10%

Q.53. The income of Sunny is 15 percent more than Sonu's income and the income of Sonu is 30 percent more than Monu's income. Sunny's income is how much percentage more than Monu's income?
(a) 59.5% (b) 49.5% (c) 50% (d) 60%

Q.54. If Manish can complete $\frac{3}{5}$ of a work in 48 days, then Manish will complete $\frac{1}{5}$ of the same work in how many days?
(a) 14 (b) 20 (c) 12 (d) 16

Q.55. What number should be added to each of 12, 46, 11 and 43 so that the resulting numbers will be in proportion?
(a) 3 (b) 5 (c) 4 (d) 2

Q.56. A sum of money becomes $\frac{69}{50}$ of itself in $\frac{19}{5}$ years when invested at simple interest. What is the rate of interest per annum ?
(a) 5 % (b) 20 % (c) 15 % (d) 10 %

Q.57. What is the value of
6.5 × 6.5 - 2.5 × 2.5 ?
(a) 36 (b) 25 (c) 24 (d) 35

Q.58. Evaluate: 20 - 3 × (4 + 1) ÷ 2
(a) 14.5 (b) 17.5 (c) 12.5 (d) 13.5

Q.59. The marked price of a crockery was Rs 15400/- and was offering a discount of 12%. Harsh bargained with the shopkeeper to get a successive discount and brought the crockery for Rs. 10164/- What was the second discount offered by the shopkeeper?
(a) 30% (b) 25% (c) 15% (d) 10%

Q.60. Find the average of the first five odd multiples of 9.
(a) 55 (b) 45 (c) 35 (d) 50

English

Q.61. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
One of the most common causes of anosmia and hyposmia is a virus that producing upper respiratory infections.
(a) anosmia and hyposmia is a virus
(b) One of the most common causes of
(c) No error
(d) that producing upper respiratory infections

Q.62. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom Phrase
Smell blood
(a) Restart a work
(b) To sense malpractice
(c) To be suspicious about something
(d) To sense a weakness in your opponent

Q.63. Choose the word that is opposite in meaning to the given word.
Abrasive
(a) Mourn (b) Reprimand
(c) Delightful (d) Slavish

Q.64. Select the most appropriate option for the given blank.
I am well aware_____all the mishaps.
(a) of (b) with (c) from (d) by

Q.65. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
I told him I must go, / but he took no notice, / so I thought the better thing I could do was to slip off..
(a) but he took no notice,
(b) I told him I must go
(c) No error
(d) so I thought the better thing I could do was to slip off.

Q.66. Select the incorrectly spelt word from the given sentence.
The German advance that ended in this dibacle has been the costliest defeat in point of materials that they have yet suffered.
(a) dibacle (b) materials
(c) advance (d) costliest

Q.67. Select the sentence with no spelling errors.
(a) At the end of my five-day experiment, I created a spreadsheet of my results, with each group getting its own colunm
(b) At the end of my five-day experiment, I created a spredsheet of my results, with each group getting its own column
(c) At the end of my five-day experement. I created a spreadsheet of my results, with each group getting its own column
(d) At the end of my five-day experiment. I created a spreadsheet of my results, with each group getting its own column

Q.68. Improve the underlined part of the sentence. Choose No improvement as an answer if the sentence is grammatically correct.
The flower <u>had bright red</u> petals
(a) No improvement (b) has bright redder
(c) has brighter red (d) have bright red

Q.69. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
Remember to insure your vehicle before you <u>drive it.</u>
(a) driving it (b) drove it
(c) driven it (d) No improvement

Q.70. Select the most appropriate word to fill in the blank.
_____studies show that students who are not given adequate preparation are prone to failure
(a) The (b) An (c) Them (d) A

Q.71. Select the most appropriate meaning of the given idiom.
On the rocks
(a) The specific matter of heart
(b) Totally unexpected
(c) Past one's prime
(d) Financially Ruined

Q.72. Improve the underlined part of the sentence. Choose No improvement as an answer if the sentence is grammatically correct.
There's <u>no waters</u> in the swimming pool.
(a) no water (b) No improvement
(c) no watering (d) none water

Q.73. Choose the word that means the same as the given word.
Clashed
(a) Conflicted (b) Calculative
(c) Concurred (d) Consented

Q.74. Choose the most appropriate antonym of the underlined word.
In all cases, they <u>bestow</u> credits on manufacturers that exceed the standards.
(a) Confer (b) Award
(c) Grant (d) Preserve

Q.75. Find the part of the given sentence

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that has an error in it. If there is no error, choose 'No error'.
Mountain biking have always attracted non-conformists and strong personalities.
(a) always attracted non-conformists
(b) No error
(c) and strong personalities
(d) Mountain biking have

Cloze Test :
Direction :- [Q.76. to Q.80.]
Concerned (76)_____the pollution levels and the role firecrackers played in (77)___it, the Supreme Court last October banned the sale, use and manufacture of crackers that (78)_____not green. This meant that these crackers couldn't be loud (79)____a certain limit and had to be (80)___by the Petroleum and Explosives Safety Organisation(PESO).

Q.76. (a) at (b) about
(c) over (d) on

Q.77. (a) destroy (b) reducing
(c) augmenting (d) exacerbating

Q.78. (a) are (b) is (c) was (d) were

Q.79. (a) beyond (b) beside
(c) beneath (d) behind

Q.80. (a) endorsed (b) resumed
(c) added (d) approved

Answer Key :-

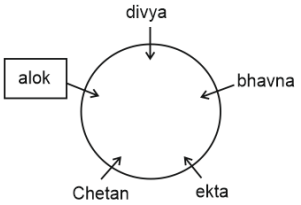
1.(b)	2.(b)	3.(a)	4.(b)
5.(d)	6.(b)	7.(d)	8.(a)
9.(b)	10.(c)	11.(b)	12.(c)
13.(b)	14.(a)	15.(b)	16.(a)
17.(c)	18.(d)	19.(a)	20.(a)
21.(d)	22.(b)	23.(d)	24.(c)
25.(b)	26.(d)	27.(c)	28.(d)
29.(d)	30.(a)	31.(a)	32.(b)
33.(a)	34.(c)	35.(c)	36.(c)
37.(c)	38.(b)	39.(d)	40.(c)
41.(b)	42.(b)	43.(d)	44.(c)
45.(b)	46.(d)	47.(d)	48.(b)
49.(b)	50.(a)	51.(d)	52.(d)
53.(b)	54.(d)	55.(b)	56.(d)
57.(a)	58.(c)	59.(b)	60.(b)
61.(d)	62.(d)	63.(c)	64.(a)
65.(d)	66.(a)	67.(d)	68.(a)
69.(d)	70.(a)	71.(d)	72.(a)
73.(a)	74.(d)	75.(d)	76.(b)
77.(d)	78.(d)	79.(a)	80.(d)

Solutions :-

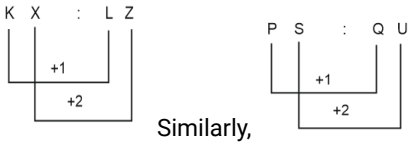
Sol.1.(b)



Sol.2.(b)



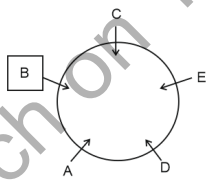
Sol.3.(a)



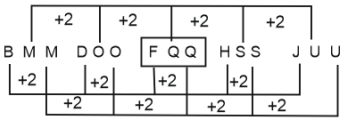
Similarly,

Sol.4.(b) Given: 12 × 3 + 11 ÷ 4 - 32 = 16
After checking all the given options one by one, option b satisfies.
Therefore, on interchanging × and ÷, we have:
12 ÷ 3 + 11 × 4 - 32 = 16
⇒ 4 + 44 - 32 = 16
⇒ 16 = 16 ⇒ LHS = RHS

Sol.5.(d)



Sol.6.(b)

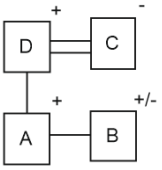


Sol.7.(d)



Sol.8.(a) The correct order is:
Await(2) → Awake(4) → Award(1) → Aware(5) →Away(3)

Sol.9.(b)



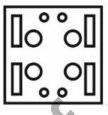
As we can see, A is the brother of B.

Sol.10.(c)

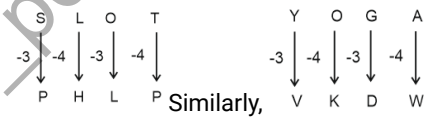


Sol.11.(b) Given:
25 - 28 + 21 × 10 ÷ 5 = 43
After checking all the given options one by one, option b satisfies,
therefore on interchanging 21 and 25, we get:
21 - 28 + 25 × 10 ÷ 5 = 43
⇒ 21 - 28 + 50 = 43
⇒ 43 = 43 ⇒ LHS = RHS

Sol.12.(c)

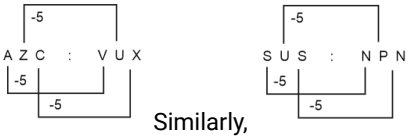


Sol.13.(b)



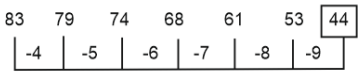
Similarly,

Sol.14.(a)



Similarly,

Sol.15.(b)

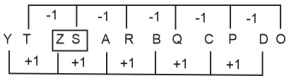


Sol.16.(a)

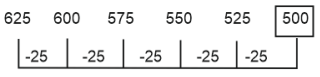


As we can see, neither conclusion I nor II follows.

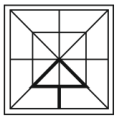
Sol.17.(c)



Sol.18.(d)

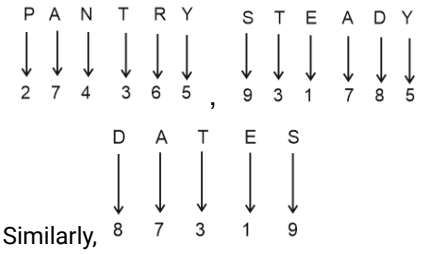


Sol.19.(a)



Sol.20.(a) Logic: Letters are coded as unique numbers as shown:

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Similarly,

Sol.21.(d) 3rd. Newton's first law states that every object will remain at rest or in uniform motion in a straight line unless compelled to change its state by the action of an external force. Newton's second law of motion states that F = ma, or net force is equal to mass times acceleration.

Sol.22.(b) Agriculture. The Agricultural and Processed Food Products Export Development Authority (APEDA) was established by the Government of India under the Agricultural and Processed Food Products Export Development Authority Act passed by the Parliament in December, 1985. The act came into effect on February 13, 1986.

Sol.23.(d) Naveen Patnaik (Odisha) - second-longest-serving Chief Minister, leading Biju Janata Dal party. Pawan Kumar Chamling (Sikkim) - longest-serving Chief Minister. Jyoti Basu (West Bengal) - third-longest-serving Chief Minister, from Communist Party of India (Marxist). Gegong Apang (Arunachal Pradesh) - fourth-longest-serving Chief Minister.

Sol.24.(c) Narthaki Nataraj (Bharatanatyam) has received the Sangeet Natak Akademi Award (2011) and the Padma Shri (2019). Alarmel Valli (Bharatanatyam) has been honored with the Padma Bhushan (2004), the Sangeet Natak Akademi Award (2001), and the Padma Shri (1991). Yamini Krishnamurthy (Bharatanatyam and Kuchipudi) has been awarded the Padma Shri (1968), the Padma Bhushan (2001), the Padma Vibhushan (2016), and the Sangeet Natak Akademi Award (1977).

Sol.25.(b) 12%. India's literacy rate was as follows: 18.33% in 1951, 28.30% in 1961, 34.45% in 1971, 43.57% in 1981, 52.21% in 1991, 65.38% in 2001, and 74.04% in 2011.

Sol.26.(d) Abdel Fattah El-Sisi. Republic Day is celebrated on January 26 to mark the date when the Constitution of India came into effect in 1950. The first Republic Day celebrations in 1950 featured Indonesia's President Sukarno as the chief guest.

Sol.27.(c) Lawn Tennis. Sports and Cups/Trophies: Lawn Tennis - U Thant Cup, Davis Cup. Hockey - Agha Khan Cup, Murugappa Gold Cup, Rangaswami Cup. Cricket - Irani Trophy, Deodhar Trophy, Sheesh Mahal Trophy. Polo - Ezra Cup, Radha Mohan Cup.

Sol.28.(d) 1946. The idea of a constituent assembly was first proposed in 1934 by M.N. Roy. However, the actual constituent assembly was formed in 1946 on the basis of the cabinet mission plan. The Assembly adopted the Constitution on 26 November 1949 but it came into effect on 26 January 1950.

Sol.29.(d) 2013. The Government of India launched the first-ever Economic Census in the country in 1977. The second Economic Census was conducted in 1980, followed by the third in 1990, the fourth in 1998, the fifth in 2005, and the seventh in 2019.

Sol.30.(a) Maharashtra's total of 228 medals, including 80 gold, secured them the Raja Bhalindra Singh Trophy for the overall championship in the 37th National Games. Services came second with 66 gold medals. The National Games 2023 were held in Goa, with the motto 'Get Set Goa' and the mascot, Moga. The 38th National Games will be held in Uttarakhand.

Sol.31.(a) Peepal. Siddhartha Gautama, later known as Gautama Buddha, attained enlightenment under the Peepal tree, also known as the Bodhi tree. Important places related to his life include Lumbini, his birthplace; Sarnath, where he delivered his first sermon after enlightenment, known as the Dharma-Chakra-Pravartana; and Kushinagar, where he attained Mahaparinirvana (passed away).

Sol.32.(b) Manipur. Yaoshang festival is celebrated starting from the full-moon day of Phalgun (February/March). Some other famous festivals of Manipur include Gaan-Ngai, Lui-Ngai-Ni, Chumpha, Kut, Sanamahi Cheng Hongba, Ningol Chakkouba, Lai-Haraoba, Cheiraoba, and Heikru Hidongba.

Sol.33.(a) The Rowlatt Act, also known as the Anarchical and Revolutionary Crimes Act of 1919, was a legislative act passed by the Imperial Legislative Council in Delhi in March 1919. This act was enacted by the government under the reign of Lord Chelmsford. The Arms Act, passed by Lord Lytton in 1878, disallowed Indians from possessing arms.

Sol.34.(c) MS Subbulakshmi was the first musician ever to be awarded the Bharat Ratna, in 1998. She also received the Padma Bhushan (1954), Padma Vibhushan (1975), Ramon Magsaysay Award (1974), Sangeet Natak Akademi Award (1956), and Kalidas Samman (1988).

Sol.35.(c) Some Other Articles: Article 165 - Advocate-General for the State. Article 166 - Conduct of business of the Government of a State. Article 168 - Constitution of Legislatures in States. Article 169 - Abolition or creation of Legislative Councils in States.

Sol.36.(c) Andhra Pradesh also celebrates the festivals Bhogi, Sankranti, Kanuma, Ugadi (Telugu New Year's Day), Varalakshmi Vratam, Vinayaka Chavithi, Atla Taddi, Naraka Chaturdasi, and Rottela Panduga.

Sol.37.(c) Both A and B. The Green Revolution was an initiative that began in the 1960s, led by Norman Borlaug, who is known as the 'Father of the Green Revolution' worldwide. His work in developing High Yielding Varieties (HYVs) of wheat earned him the Nobel Peace Prize in 1970. In India, the Green Revolution was primarily driven by M.S. Swaminathan.

Sol.38.(b) Fiscal Deficit shows the borrowing requirements of the govt. during the budget year. Primary deficit is defined as fiscal deficit minus interest payments on previous borrowings. Revenue Deficit refers to the excess of total revenue expenditure of the government over its total revenue receipts.

Sol.39.(d) Let. Table Tennis shots: Chop - It's a defensive shot that many players resort to when trying to negotiate spin. Topspin - It's one of the commonly used attacking shots in the game. Loop: A type of stroke, off the forehand or backhand, used by players who base their offensive tactics on an extreme topspin attack. Some common terminology in the game includes attacker, and penholder grip.

Sol.40.(c) Rajasthan. Indian States and Dances: Rajasthan - Kalbeliya, Bhavai, Kachchhi Ghodi, Gair, Dhap, Chari,

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Kathputli Dance, Terah Taali, Gavari, Moria. Maharashtra - Dhangari Gaja, Lavani, Koli, Lezim, Gafa. Punjab: Bhangra, Gidda, Luddi, Sammi, Gadka and Kikli. Madhya Pradesh: Rai, Matki, and Gangaur.

Sol.41.(b)

	M : N
Efficiency	2 : 1
Time	1 : 2

According to the question
1unit = 66 days
Total work = Eff. × Time
Total work = 2 × 66 = 132
Time taken by M and N to complete the work = $\frac{132}{3}$ = 44 days

Sol.42.(b)
Let the total distance be 12 units.
Average speed = $\frac{Total\ distance}{Total\ time}$
According to question,
Average Speed = $\frac{12}{\frac{4}{24}+\frac{3}{36}+\frac{5}{60}}$
= $\frac{12}{\frac{1}{6}+\frac{1}{12}+\frac{1}{12}}$ = $\frac{12}{\frac{2+1+1}{12}}$ = 36 km/hr.

Sol.43.(d) According to question,
Sum of age of all 9 members = 42 × 9
= 378 years
Then, required average = $\frac{378-58}{8}$
= 40 years.

Sol.44.(c) Area of circle = πr^2

Ratio -	Initial : Final
Radius -	20 : 27
Area -	400 : 729

Required % = $\frac{729-400}{400} \times 100$ = 82.25%

Sol.45.(b)
42 ÷ 3 × [7 + (42 ÷ 6)] ÷ 2 of 7
= 42 ÷ 3 × [7 + 7] ÷ 14
= 14 × 14 ÷ 14 = 14

Sol.46.(d)
Area of triangle = $\frac{1}{2}$ × base × height
= $\frac{1}{2} \times \frac{35.7}{7} \times 35.7$ = 91.035 cm².

Sol.47.(d) According to question,
Profit % = $\frac{40-30}{30} \times 100$ = 33.33%

Sol.48.(b) CP × 40% = SP × 30%
CP : SP = 3 : 4
Hence, profit % = $\frac{1}{3}$ × 100 = 33.33 %

Sol.49.(b) $\frac{(5m+n)}{(5m-n)} = \frac{5}{2}$
10m + 2n = 25m - 5n
7n = 15m ⇒ m : n = 7 : 15

Sol.50.(a) According to question,
Marked price = 25500 × $\frac{100}{85}$
= 30000 Rs.

Sol.51.(d) 13 [45 + 4{257 - 3 (29 + 33)}]
= 13 [45 + 4{257 - 3 (62)}]
= 13 [45 + 4{257 - 186}]
= 13 [45 + 284] = 13 × 329 = 4277

Sol.52.(d) According to question,
Interest in 1 year = 660 - 600 = 60 Rs.
Rate of interest (r) = $\frac{60}{600}$ × 100 = 10%

Sol.53.(b) According to question,

Ratio -	**Sunny : Sonu : Monu**
Income -	29.9 : 26 : 20

Required % = $\frac{29.9-20}{20} \times 100$ = 49.5%

Sol.54.(d) According to question,
Required time = 48 × $\frac{5}{3}$ × $\frac{1}{5}$ = 16 days.

Sol.55.(b) Let the number be a.
According to question,
$\frac{12+a}{46+a} = \frac{11+a}{43+a}$
516 + 55a + a² = 506 + 57a + a²
2a = 10 ⇒ a = 5

Sol.56.(d) Let the Principal be 50 Rs.
Then, Amount = 50 × $\frac{69}{50}$ = 69 Rs.
SI = 69 - 50 = 19 Rs.
Also, SI = $\frac{p \times r \times t}{100}$
19 = $\frac{50 \times r \times 19}{100 \times 5}$
Rate of interest (r) = 10%.

Sol.57.(a) 6.5 × 6.5 - 2.5 × 2.5
= 42.25 - 6.25 = 36

Sol.58.(c) 20 - 3 × (4 + 1) ÷ 2
= 20 - 3 × 5 ÷ 2
= 20 - $\frac{15}{2}$ = 12.5

Sol.59.(b) Let the another discount be x%.
According to question,
10164 = 15400 × $\frac{88}{100} \times \frac{(100-x)}{100}$
(100 - x) = $\frac{10164 \times 100}{154 \times 88}$
x = 100 - 75 = 25%

Sol.60.(b) First five odd multiple of 9 = 9, 27, 45, 63, 81
Required average
= $\frac{9+27+45+63+81}{5}$ = 45

Sol.61.(d) that producing upper respiratory infections
The verb after a relative pronoun(that, which, who, whom) is used according to the antecedent (the word before). The antecedent is 'virus' which is singular, therefore a singular verb will be used. Hence, 'that produces upper respiratory infections' is the most appropriate answer.

Sol.62.(d) Smell blood- to sense a weakness in your opponent.
E.g.- The boxer smelled blood and delivered a knockout punch.

Sol.63.(c) Delightful- very pleasant.
Abrasive- showing little concern for the feelings of others.
Mourn- feel or show sorrow for the death of (someone).
Reprimand- to scold someone severely.
Slavish- submissive.

Sol.64.(a) of
The word 'aware' takes the preposition 'of' after it. Hence, 'aware of' is the most appropriate answer.

Sol.65.(d) so I thought the better thing I could do was to slip off.
We generally use article 'the' with a superlative degree adjective. Therefore, 'better' will be replaced with 'best'. Hence, 'the best thing' is the most appropriate answer.

Sol.66.(a) dibacle
'Debacle' is the correct spelling.

Sol.67.(d) At the end of my five-day experiment, I created a spreadsheet of my results, with each group getting its own column.
'Experiment', 'spreadsheet' and 'column' are the correct spellings.

Sol.68.(a) No improvement
The given sentence is grammatically correct.

Sol.69.(d) No improvement
The given sentence is grammatically correct.

Sol.70.(a) The
'Studies' is a plural noun so we cannot use article 'a/an' as they are used with singular nouns. 'Them' is an objective pronoun, so it cannot be used with the subject. Hence, 'the' is the most appropriate answer.

Sol.71.(d) On the rocks- financially ruined.

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E.g.- The restaurant's business was on the rocks due to a series of poor reviews and financial mismanagement.

Sol.72.(a) no water
'Water' is an uncountable noun and cannot be pluralised. Hence, 'no water' is the most appropriate answer.

Sol.73.(a) Conflicted- to be in a state of disagreement.
Clashed- meet and come into violent conflict.
Calculative- pertaining to calculations.
Concurred- shared the same opinion.
Consented- agreed to do something.

Sol.74.(d) Preserve- to keep something for personal use.
Bestow- to give or present something, especially an honor or gift.
Confer- to grant or bestow a title, degree, benefit, or right.
Award- to give or grant something, such as a prize or honor.
Grant- to agree to give or allow something requested.

Sol.75.(d) Mountain biking have
According to the "Subject-Verb Agreement Rule", a singular subject always takes a singular verb. 'Mountain biking' is a singular subject that will take 'has' as a singular verb. Hence, 'Mountain biking has' is the most appropriate answer.

Sol.76.(b) about
'Concerned about' is used to express worry or anxiety about something. The given passage states that the Supreme Court is concerned about the pollution levels and fire crackers. Hence, 'about' is the most appropriate answer.

Sol.77.(d) exacerbating
'Exacerbating' means to make a problem or situation worse. The given passage states that the Supreme Court is concerned about the pollution levels, and the role firecrackers played in worsening it. Hence, 'exacerbating' is the most appropriate answer.

Sol.78.(d) were
The given passage is in the past tense, so it must have the verb in this past form. The verb after a relative pronoun(that, which, who, whom) is used according to the antecedent (the word before). The antecedent is 'crackers' which is plural. Hence, 'were' is the most appropriate answer.

Sol.79.(a) beyond
'Beyond' is used when something exceeds a certain limit. Hence 'beyond' is the most appropriate answer.

Sol.80.(d) approved
Approved" means officially accepted or certified. The given passage states these crackers had to be approved by PESO. Hence, 'approve' is the most appropriate answer.

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SSC GD Constable
28/02/2024 (2nd Shift)

Reasoning

Q.1. In a certain code language, 'WHOM' is coded as 'SCKH. What is the code for 'BAKE' in that code language ?
(a) XVGA (b) XVHA (c) XVHZ (d) XVGZ

Q.2. In the following question, select the related letters from the given alternatives.
GE : HH : : BA : ?
(a) RJ (b) KL (c) CD (d) IM

Q.3. After arranging the given words according to dictionary order, which word will come at 'Fourth' position ?
1. Slur 2. Suit 3. Slug
4. Slung 5. Slump
(a) Slur (b) Slung (c) Suit (d) Slug

Q.4. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is NOT allowed)

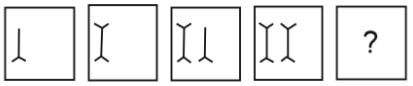


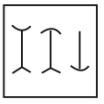
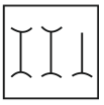
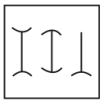
(a) 
(b) 
(c) 
(d) 

Q.5. Five persons A, B, C, D and E are sitting around a circular table facing towards the centre (not necessarily in the same order). C is not an immediate neighbour of D and A. B is sitting second to the left of E. A is sitting second to the right of E. Who is sitting on the immediate right of D ?
(a) C (b) A (c) B (d) E

Q.6. Eight athletes Sunil, Abhishek, Mohit, Cheenu, Rahul, Tanu, Koyal and Ankit are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Koyal is third to the left of Rahul. Tanu is third to the right of Cheenu. Mohit is second to the right of Sunil. Abhishek is second to the left of Cheenu. Tanu is second to the left of Sunil. Who is sitting second to the right of Ankit ?
(a) Sunil (b) Mohit (c) Cheenu (d) Rahul

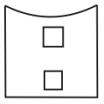
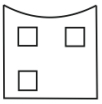
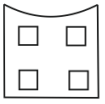
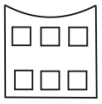
Q.7. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.8. A paper is folded and cut as shown below. How will it appear when unfolded ?



(a) 
(b) 
(c) 
(d) 

Q.9. In the following question, select the missing number from the given series.
5, 37, 70, 104, ?, 175
(a) 144 (b) 140 (c) 139 (d) 148

Q.10. Which of the following letter clusters will replace the question mark (?) in the given series ?
U, X, A, D, G, J, M, ?
(a) R (b) S (c) Q (d) P

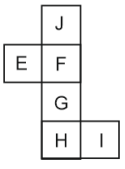
Q.11. In the following question, select the missing number from the given series.
863, 860, 869, 842, 923, ?
(a) 680 (b) 570 (c) 580 (d) 550

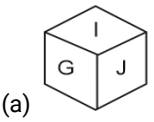
Q.12. If 30 A 10 B 30 C 10 = 37 and 45 A 15 B 18 C 9 = 58, then 64 A 34 B 50 C 5 = ?
(a) 87 (b) 88 (c) 90 (d) 80

Q.13. In a certain code language, 'DRAGON' is coded as 'CQZEML'. What is the code for 'WHEELS' in that code language ?
(a) VGDCJQ (b) VGDCJR
(c) VGDDJQ (d) VGDDKR

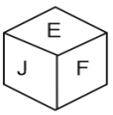
Q.14. By Interchanging the given two numbers (not digits) which of the following equation will be not correct ?
9 and 2
(a) 9 ÷ 3 + 2 - 4 = 6 (b) 9 + 4 × 2 - 6 = 3
(c) 9 - 2 + 7 = 0 (d) 2 + 9 × 3 - 4 = 11

Q.15. Select the dice which can be formed on folding the given sheet.



(a) 

(b) 

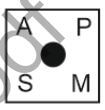
(c) 

(d) 

Q.16. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
cddfcd_ _c_df_ddfcd
(a) ddcd (b) dfcd (c) dfdc (d) ddfc

Q.17. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 

(b) 

(c) 

(d) 

Q.18. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given statements.
Statements:
I. Some T are S.
II. No R is S.
Conclusions :
I. No S is R.
II. No R is T.
III. No S is T.
(a) Only conclusion I follows
(b) Both conclusions II and III follows
(c) Neither conclusion follows
(d) All conclusions follows

Q.19. 'E × F' means 'E is the wife of F'
'E + F' means 'E is the brother of F'
'E ÷ F' means 'E is the husband of F'
'E – F' means 'E is the son of F'
How is P related to R in the expression '$P \times Q + I - R \div S$' ?
(a) Wife's sister (b) Sister
(c) Son's wife (d) Wife

Q.20. In the following question, select the related letter pair from the given alternatives.
QRN : UVR :: ?
(a) SWL : WAP (b) NUP : BBO
(c) KJH : ZOW (d) XUN : LOD

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General Awareness

Q.21. The Government of India recently renamed the Rajiv Gandhi Khel Ratna Award as the _____ Khel Ratna Award.
(a) Major Dhyan Chand (b) Indira Gandhi
(c) Mary Kom (d) Gavaskar

Q.22. Who has been appointed as the new Vice Chief of the Indian Air Force on January 30, 2023 ?
(a) Harjit Singh Arora
(b) Sandeep Singh
(c) Amarpreet Singh
(d) Vivek Ram Chaudhari

Q.23. According to the Indian Constitution, how many organs are there in the government of India ?
(a) Two (b) Three (c) Four (d) Five

Q.24. Elements in the Modern Periodic Table are arranged in _____ vertical columns called groups and _____ horizontal rows called periods.
(a) 18, 7 (b) 16, 7 (c) 18, 9 (d) 16, 9

Q.25. Which of the following was the 14th Census of India ?
(a) 2011 (b) 2001 (c) 1991 (d) 2021

Q.26. Independence Day is celebrated at the national level at _____ in Delhi.
(a) Red Fort (b) Taj Mahal
(c) India Gate (d) Gateway of India

Q.27. The Board of Control of Cricket (BCCI) has appointed _____ as the chairman of the Senior Men's Cricket Selection Committee in 2023
(a) M.S. Dhoni (b) Sachin Tendulkar
(c) Kapil Dev (d) Ajit Agarkar

Q.28. Under the Industrial Policy Resolution 1956, industries in India have been classified into how many categories?
(a) Two (b) Three (c) Four (d) Five

Q.29. ATM booths come under which sector of the economic activity ?
(a) Primary sector (b) Quaternary sector
(c) Tertiary Sector (d) Secondary sector

Q.30. Which country won the FIFA U-17 Women's World Cup 2022 ?
(a) Japan (b) USA (c) Colombia (d) Spain

Q.31. What is the sex ratio of early childhood (0 - 6 years) according to the 2011 census of India (Females per Thousand Males) ?
(a) 918 (b) 908 (c) 938 (d) 928

Q.32. The Green revolution started in the year 1965 and the _____ five-year plan of India was between 1961 - 66.
(a) second (b) first (c) fourth (d) third

Q.33. Which of the following statements is correct regarding Green Revolution ?
I. Green Revolution made India self - reliant in foodgrain production.
II. Post Green Revolution, there is decrease in the use of chemical fertilizers.
(a) Only I (b) Both I and II
(c) Neither I nor II (d) Only II

Q.34. Ashoka's dhamma _____ worship of a god, or performance of a sacrifice.
(a) is a part of
(b) primarily involves
(c) did not involve
(d) supports certain form

Q.35. Who among the following social reformers founded the Self Respect Movement ?
(a) Jyotirao Phule (b) Periyar
(c) Narayana Guru (d) Ghasidas

Q.36. What dancing style was M.K. Saroja, who passed away in June 2022, well known for ?
(a) Sattriya (b) Kathak
(c) Bharatanatyam (d) Kuchipudi

Q.37. Decathlon which is organised for men includes _____ events.
(a) 10 (b) 8 (c) 12 (d) 15

Q.38. 'Tippani Nritya' is associated with which of the following states ?
(a) Uttar Pradesh (b) Karnataka
(c) Andhra Pradesh (d) Gujarat

Q.39. Which instrument is played by the famous music personality Pt. Shiv Kumar Sharma ?
(a) Sitar (b) Guitar (c) Santoor (d) Piano

Q.40. Which state government launched the Mukhyamantri Nishulk Annapurna Food Packet Scheme on Independence Day in 2023 ?
(a) Rajasthan (b) Kerala
(c) Uttar Pradesh (d) Maharashtra

Quantitative Aptitude

Q.41. The difference between compound interest (compounding annually) and simple interest on a sum of Rs.80,000 for 2 years is Rs. 288. Find the rate of interest per annum.
(a) 4% (b) 8% (c) 6% (d) 5.5%

Q.42. An item costing ₹ 500 is being sold at a 17% loss. If the price is further reduced by 20%, then find the selling price.
(a) ₹332 (b) ₹290 (c) ₹452 (d) ₹302

Q.43. What is the total surface area of a cone whose radius is 24 cm and height is 10 cm ?
(a) 3249.76 cm^2 (b) 4261.23 cm^2
(c) 3771.43 cm^2 (d) 3924.61 cm^2

Q.44. A company's revenue increased by 10% in the first quarter and decreased by 5% in the second quarter. What is the net percentage increase or decrease in revenue over these two quarters ?
(a) 3.5 decrease (b) 3.5% increase
(c) 4.5% increase (d) 4.5% decrease

Q.45. A sells a bottle to B at the profit of 30 percent and B sells it to C at a loss of 20 percent. If C pays Rs. 3744 for the bottle, then what is the cost price of bottle for A ?
(a) Rs. 3600 (b) Rs. 3000
(c) Rs. 3200 (d) Rs. 3500

Q.46. The numbers are in the ratio of 6 : 5. If their sum is 22, then what is the sum of the squares of the two numbers ?
(a) 234 (b) 244 (c) 196 (d) 256

Q.47. A ring is sold at three successive discounts of 10%, 20% and 30%. If the marked price of the ring is ₹20,000, find its net selling price.
(a) Rs.10000 (b) Rs.10020
(c) Rs.10080 (d) Rs.9000

Q.48. If A : B : C = 2 : 3 : 5, then what is the value of (A + B) : (B + C) : (C + A) ?
(a) 5 : 8 : 8 (b) 7 : 6 : 5
(c) 5 : 8 : 7 (d) 7 : 8 : 7

Q.49. A person borrows some money for 5 years at a certain rate of simple interest. If the ratio of principal and total interest is 5 : 1, then what is the annual rate of interest ?
(a) 4 percent (b) 2 percent
(c) 3.5 percent (d) 7 percent

Q.50. What is the value of $13[216 \div 3\ of\{48 \div 24 \times (42 - 38)\}]$
(a) 143 (b) 91 (c) 117 (d) 130

Q.51. Mohan, Aman and Sohan together can complete a work in 18 days. If Mohan can work thrice as faster than Aman and Aman can work twice as faster than Sohan, then in how many days Sohan alone can complete the same work ?
(a) 172 days (b) 162 days
(c) 195 days (d) 180 days

Q.52. Deepak marks the price of his table 50 percent above the cost price. He gives some discount on it and earns profit of 10 percent. What is the discount percentage ?
(a) 26.67 percent (b) 20 percent

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(c) 16.67 percent (d) 33.33 percent

Q.53. Average of 8 numbers is 47. The average of first three numbers is 53 and the average of next two numbers is 55. If the sixth number is 7 and 10 less than seventh and eighth number respectively, then what is the value of eighth number ?
(a) 47 (b) 40 (c) 42 (d) 52

Q.54. A train of length 442 metres crosses an electric pole in 13 seconds and crosses another train of the same length travelling in opposite direction in 17 seconds. What is the speed of the second train ?
(a) 12 m/s (b) 32 m/s
(c) 18 m/s (d) 24 m/s

Q.55. T can complete a work in 20 days and U can complete the same work in 10 days. If both of them work together, then in 4 days what percent work of the total work will be completed ?
(a) 80 percent (b) 75 percent
(c) 65 percent (d) 60 percent

Q.56. A student scores 60% in an exam and gets 24 marks less than another student who scored 80%. What is the maximum marks in the exam ?
(a) 150 (b) 140 (c) 120 (d) 130

Q.57. What is the sum of all prime numbers between 30 and 50 ?
(a) 202 (b) 187 (c) 199 (d) 173

Q.58. Convert $0.51\overline{6}$ into fraction.
(a) $\frac{31}{70}$ (b) $\frac{31}{63}$ (c) $\frac{30}{61}$ (d) $\frac{31}{60}$

Q.59. What is the smallest number that is a multiple of 5, 8 and 15?
(a) 60 (b) 230 (c) 120 (d) 40

Q.60. The average age of 17 students of a class is 20 years. If a new student of age 38 years joins the class, then what will be the average age of these 18 students ?
(a) 24 years (b) 26 years
(c) 21 years (d) 23 years

English

Q.61. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
He sand the wooden with coarse sandpaper.
(a) had sand the wood
(b) sanded the wood
(c) sand the wood
(d) No improvement

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I'm unable to contact my friend, who deceived me when I was more weaker.
(a) I was more weaker.
(b) who deceived me when
(c) No error
(d) I'm unable to contact my friend

Q.63. Choose the most appropriate synonym of the underlined word.
My coworkers' loud, endless conversations **irritated** me.
(a) Pacified (b) Obliged
(c) Displeased (d) Appeased

Q.64. Select the incorrectly spelt word from the given sentence.
He made several excrsions in the tribal habitats there.
(a) excrsions (b) habitats
(c) tribal (d) several

Q.65. Find the part of the given sentence that has an error in it.
Studies suggest that well - designed e - books can support early literacy in kids.
(a) literacy in kids.
(b) e - books can support early
(c) No error
(d) Studies suggest that well-designed

Q.66. Select the sentence with no spelling errors.
(a) Marine ecosystems were comparitively more resistant to extreme weather events.
(b) Marine ecosysteams were comparatively more resistant to extreme weather events.
(c) Marine ecosystems were comparatively more resistaent to extreme weather events.
(d) Marine ecosystems were comparatively more resistant to extreme weather events

Q.67. Select the most appropriate word to fill in the blank.
The Liberal Party is cracking under the pressure of these _____ .
(a) allegation (b) corrosion
(c) allegedly (d) allegations

Q.68. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
The software revolution is at **its peaks** in India.
(a) its peak (b) No improvement
(c) its peaked (d) it's peaking

Q.69. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The house is a pear tree in the backyard.
(a) No improvement (b) has a pears
(c) has a pear (d) have a pears

Q.70. Select the most appropriate antonym of the given word.
Facade
(a) Hidden (b) Opening
(c) Closure (d) Truth

Q.71. Fill in the blank with the most appropriate option.
_____ your clothes, it is high time you clean up the mess in your room.
(a) Faux (b) Foaled (c) Fold (d) Fouled

Q.72. Select the most appropriate meaning of the given idiom
Drastic times call for drastic measures
(a) When you are extremely desperate you need to take extremely desperate actions
(b) Something that ends at the last minute or last few seconds
(c) Don't rely on it until you sure of it
(d) Do not pull all your resources in one possibility

Q.73. Choose the option which is antonym of (opposite of) the word "construe" in the sentence given below :
His silence was misunderstood by many as a lack of interest, when in reality, he was deeply engrossed in thought.
(a) misunderstood (b) engrossed
(c) interest (d) silence

Q.74. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
The party was great and we **thoroughly enjoyed.**
(a) In the dark (b) Beat around the bush
(c) Cut corners (d) Had a ball

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Neither Prerna nor Vishaka understand the meaning of friendship.
(a) Vishaka understand the
(b) Neither Prerna nor
(c) No error
(d) meaning of friendship.

Cloze Test :
Direction :- [Q.76. to Q.80.]
The initial two Russian PWR types at the Kudankulam site (76) _____ apart from India's three-stage plan (77) _____ nuclear power and were simply to increase generating capacity (78) _____ rapidly. Now there are (79) _____ for eight 1000 MWe units at that

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site, and in January 2007 a memorandum of understanding was (80) _____ for Russia.

Q.76. (a) are (b) is (c) was (d) were

Q.77. (a) to (b) with (c) from (d) for

Q.78. (a) enough (b) most (c) so (d) more

Q.79. (a) structures (b) amends
(c) idea (d) plans

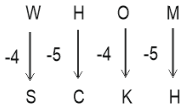
Q.80. (a) draft (b) placed
(c) marked (d) signed

Answer Key :-

1.(d)	2.(c)	3.(a)	4.(c)
5.(b)	6.(d)	7.(c)	8.(c)
9.(c)	10.(d)	11.(a)	12.(b)
13.(a)	14.(a)	15.(c)	16.(c)
17.(a)	18.(a)	19.(c)	20.(a)
21.(a)	22.(c)	23.(b)	24.(a)
25.(b)	26.(a)	27.(d)	28.(b)
29.(c)	30.(d)	31.(a)	32.(d)
33.(a)	34.(c)	35.(b)	36.(c)
37.(a)	38.(d)	39.(c)	40.(a)
41.(c)	42.(a)	43.(c)	44.(c)
45.(a)	46.(b)	47.(c)	48.(c)
49.(a)	50.(c)	51.(b)	52.(a)
53.(b)	54.(c)	55.(d)	56.(c)
57.(c)	58.(d)	59.(c)	60.(c)
61.(b)	62.(a)	63.(c)	64.(a)
65.(c)	66.(d)	67.(d)	68.(a)
69.(c)	70.(d)	71.(c)	72.(a)
73.(a)	74.(d)	75.(a)	76.(d)
77.(d)	78.(d)	79.(d)	80.(d)

Solutions :-

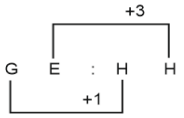
Sol.1.(d)

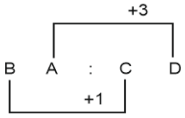




Similarly,

Sol.2.(c)





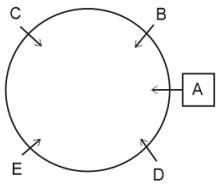
Similarly,

Sol.3.(a) The correct order is
Slug (1) → Slump(2) → Slung(3) → **Slur(4)** → Suit(5)

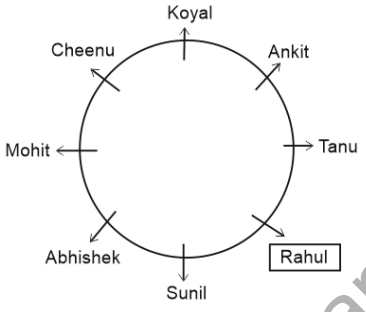
Sol.4.(c)



Sol.5.(b)



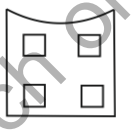
Sol.6.(d)



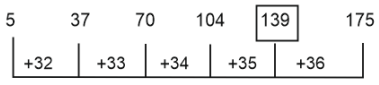
Sol.7.(c)



Sol.8.(c)



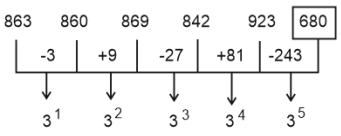
Sol.9.(c)



Sol.10.(d)

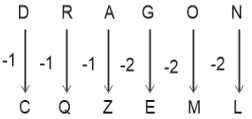


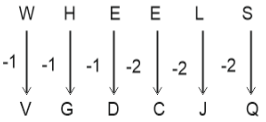
Sol.11.(a)



Sol.12.(b)
Given 30 A 10 B 30 C 10 = 37, 45 A 15 B 18 C 9 = 58
Logic : A, B and C replace with +, - , ÷
⇒ 30 + 10 - 30 ÷ 10 = 37
⇒ 45 + 15 - 18 ÷ 9 = 58
Similarly
⇒ 64 + 34 - 50 ÷ 5 = 88

Sol.13.(a)

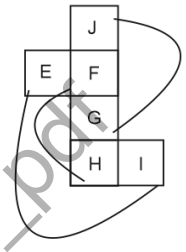




Similarly,

Sol.14.(a) After checking all options one by one , only option (a) is satisfied.
9 ÷ 3 + 2 - 4 = 6
After interchanging 9 and 2 we get,
$\frac{2}{3} + 9 - 4 \Rightarrow \frac{2}{3} + 5 = \frac{17}{5}$
L.H.S. ≠ R.H.S.

Sol.15.(c)

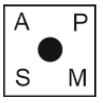


From the above figure the opposite face are J ↔ G , F ↔ H , E ↔ I
As we know that the opposite face can't be adjacent.So the correct answer is

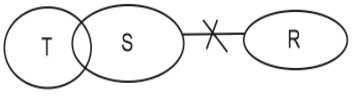


Sol.16.(c) cddf / cd**df** /c**d**df / **c**ddf / cd

Sol.17.(a)

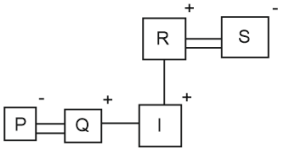


Sol.18.(a)



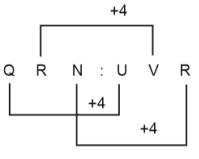
Only conclusion I follow.

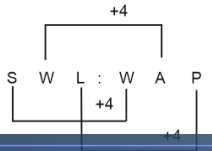
Sol.19.(c)



P is the wife of R's son.

Sol.20.(a)





Similarly,

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Sol.21.(a) Major Dhyan Chand. The Major Dhyan Chand Khel Ratna Award, established in 1991-92 as the Rajiv Gandhi Khel Ratna Award, was renamed on 6 August 2021 in honor of Indian hockey legend Major Dhyan Chand. This award recognizes outstanding sports performances over a four-year period. The first Khel Ratna Award was presented in 1991-92 to chess player Viswanathan Anand.

Sol.22.(c) Amarpreet Singh. The Indian Air Force (IAF) was officially established on 8 October 1932. Its headquarters are located in New Delhi. Subroto Mukerjee was the first Indian Air Chief to command the Indian Air Force. Arjan Singh was the first air Marshal of the Indian Air chief Force (IAF).

Sol.23.(b) Three. According to the Constitution, the three organs of government are the Legislature, Executive, and Judiciary. Together, they perform the functions of governance, maintain law and order, and ensure the welfare of the people.

Sol.24.(a) 18, 7. In the modern periodic table, elements are arranged in order of increasing atomic numbers. This arrangement is based on the modern periodic law, which states that the properties of elements are periodic functions of their atomic numbers. The modern periodic table comprises 118 elements.

Sol.25.(b) 2001. According to the 2001 census, India's population was 1.02 billion. Uttar Pradesh was the most populous state, while Sikkim was the least populous. The first census in India was conducted in 1872 under Lord Mayo. However, the first official and synchronized census was conducted in 1881 under Lord Ripon.

Sol.26.(a) Red Fort. India celebrates Independence Day on 15th August each year, marking the country's freedom from British rule in 1947. The main celebration takes place at the Red Fort, where India's independence was first announced. The Independence Day festival commences with the Guard of Honour conducted by the Prime Minister of India, who then hoists the national flag and conducts the 'Address to the Nation'. The main Republic Day celebrations are held in New Delhi, at the Kartavya Path.

Sol.27.(d) Ajit Agarkar. The BCCI is the principal national governing body for cricket in India. Its headquarters are situated in Mumbai. It was founded in December 1928.

Sol.28.(b) Three. The Industrial Policy Resolution (IPR) of 1956 classified industries into 3 categories: Schedule A, consisting of 17 industries, was the exclusive responsibility of the State. Schedule B, which included 12 industries, was open to both the private and public sectors, though these industries were progressively State-owned. Schedule C covered all other industries not included in the first two Schedules, which were left open to the private sector.

Sol.29.(c) Tertiary Sector: This segment of the economy provides services to consumers and businesses rather than producing tangible goods. Examples include transport, storage, communication, banking, and trade. Since these activities generate services rather than goods, the tertiary sector is also known as the service sector.

Sol.30.(d) Spain. The FIFA U-17 Women's World Cup 2022 was won by Spain after defeating Colombia. This tournament was hosted by India. The FIFA U-17 Women's World Cup was founded in 2008 and is organized by the Federation Internationale de Football Association (FIFA). The first edition, held in 2008, was hosted by New Zealand, with North Korea as the winner.

Sol.31.(a) 918. The Child Sex Ratio is defined as the number of girls per 1,000 boys in the age group of 0–6 years. According to the 2011 Census, the child sex ratio was 919 females per 1,000 males, a decline from 927 in the 2001 Census. Mizoram recorded the highest child sex ratio in 2011 at 971, followed by Meghalaya at 970. Haryana had the lowest ratio at 834, with Punjab following at 846.

Sol.32.(d) third. The Green Revolution involved the development of high-yielding varieties of wheat and rice. Dr. M.S. Swaminathan is known as the father of the Indian Green Revolution, while Norman Borlaug is considered the father of the Green Revolution worldwide. The Third Five-Year Plan (1961 - 66) aimed to make India a self-reliant economy, with a target growth rate of 5.6%, but achieved only 2.8%.

Sol.33.(a) Only I. The statement 'Post Green Revolution, there is a decrease in the use of chemical fertilizers' is incorrect because, in reality, the use of chemical fertilizers increased significantly as part of the intensive farming practices that characterized the Green Revolution.

Sol.34.(c) did not involve. Ashoka faced a number of problems that troubled him. People in the empire followed different religions, which sometimes led to conflict. Animals were sacrificed, and slaves and servants were ill-treated. Ashoka felt it was his duty to address these issues. To help solve these problems, he appointed officials known as 'dhamma mahamatras,' who traveled from place to place teaching people about dhamma.

Sol.35.(b) Periyar. The Self-Respect Movement was started by E.V. Ramaswamy Naicker (Periyar) in Tamil Nadu in 1925. Notable caste-related movements include: Satyashodhak Movement (1873) - Jyotirao Phule. Depressed Classes Movement (Mahar Movement) of 1924 - BR Ambedkar. Nair Movement (1861) - Rama Krishna Pillai, C.V. Pillai, and K. M. Pillai.

Sol.36.(c) Bharatanatyam. M.K. Saroja received the Padma Shri in 2011 and the Sangeet Natak Akademi Award in 1995. Notable Bharatanatyam exponents include Rukmini Devi Arundale, Indrani Rahman, Padma Subramanyam, Urmila Satyanarayana, Geeta Chandran, Narthaki Nataraj, and Kanaka Srinivasan.

Sol.37.(a) 10. The decathlon events are contested over two days, with five events on the first day and five on the second. Day 1 includes the 100 meters, long jump, shot put, high jump, and 400 meters. Day 2 includes the 110 meters hurdles, discus throw, pole vault, javelin throw, and 1500 meters.

Sol.38.(d) Gujarat. The Tippani is a wooden and bamboo instrument tapped on the floor to create rhythmic beats in the Tippani dance. Indian states and Dances: Gujarat - Randal's Ghodo (Horse) Dance, Daandiya Raas, Hinch Nritya, Ashwa Nritya, and Dholo Rano. Andhra Pradesh - Kuchipudi, and Dhimsa. Karnataka - Veeragase, Bolak-aat, Bayalata, Kamsale, Gaarudi Gombe. Uttar Pradesh - Kathak, Charkula, Raslila, Khyal, Nautanki, and Dadra.

Sol.39.(c) Santoor. Pt. Shiv Kumar Sharma received the Sangeet Natak Akademi Award in 1986, the Padma Shri in 1991, and the Padma Vibhushan in 2001. Notable santoor players include Bhajan Sopori, Tarun Bhattacharya, Rahul Sharma, and Satish Vyas.

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Sol.40.(a) Rajasthan. The main objective of the Mukhyamantri Nishulk Annapurna Food Packet Scheme is to provide daily essential food items to people at no cost, offering them relief and support on a monthly basis. Government schemes related to food include the Pradhan Mantri Garib Kalyan Anna Yojana (2020), the National Food Security Act (2013), the Antyodaya Anna Yojana (2000), and the Targeted Public Distribution System (1997).

Sol.41.(c) $(C.I. - S.I)_{2yr}$ = P$(\frac{R}{100})^2$

According to question,

288 = 80000$(\frac{R}{100})^2 \Rightarrow 36 = R^2$

Rate of interest (R) = 6%.

Sol.42.(a) According to question,

Effective % = - 17 - 20 + $\frac{17 \times 20}{100}$

= - 33.6%

selling price of the item = 500 × $\frac{66.4}{100}$

= 332 Rs.

Sol.43.(c) TSA of cone = $\pi r(r + l)$

According to question,

Slant height (l) = $\sqrt{(24)^2 + (10)^2}$

= 26 cm

TSA of cone = $\frac{22}{7} \times 24(24 + 26)$

= $\frac{22}{7} \times 24 \times 50$ = 3,771.43 cm².

Sol.44.(c) According to question,

Required % = 10 - 5 - $\frac{10 \times 5}{100}$

= 4.5% increase.

Sol.45.(a) According to question,

Effective % = 30 - 20 - $\frac{30 \times 20}{100}$ = 4%

Required price of bottle = 3744 × $\frac{100}{104}$

= 3600 Rs.

Sol.46.(b) Let the numbers be 6a and 5a.

According to question,

6a + 5a = 22, a = 2

Then the numbers will be 12 and 10.

Therefore, required sum = (12)² + (10)²

= 244.

Sol.47.(c) According to question,

Selling price of the ring

= 20000 × $\frac{90}{100} \times \frac{80}{100} \times \frac{70}{100}$

= 10080 Rs.

Sol.48.(c) Let A, B and C be 2, 3 and 5 units respectively.

(A + B) : (B + C) : (C + A)

= (2 + 3) : (3 + 5) : (5 + 2) = 5 : 8 : 7

Sol.49.(a) Let the principle and interest be 5 and 1 unit respectively.

SI = $\frac{p \times r \times t}{100}$

According to question,

1 = $\frac{5 \times r \times 5}{100}$

Rate of interest (r) = 4%

Sol.50.(c)

13[216 ÷ 3 of{48 ÷ 24 × (42 - 38)}]

= 13[216 ÷ 3 of{2 × 4}]

= 13[216 ÷ 24] ⇒ 13 × 9 = 117

Sol.51.(b)

Let the efficiency of Sohan be 1 unit.

Then, the efficiency of Aman and Mohan are 2 and 6 units respectively.

According to question,

Total work = 18 × (1 + 2 + 6) = 162 units.

Therefore, required time = $\frac{162}{1}$

= 162 days.

Sol.52.(a) Let the cost price of the table be 100 Rs.

According to question,

Marked price = $\frac{150}{100} \times 100$ = 150 Rs.

Selling price of table = 100 × $\frac{110}{100}$

= 110 Rs.

Therefore, discount %

= $\frac{150 - 110}{150} \times 100$

= 26.67%

Sol.53.(b)

Sum of all 8 numbers = 47 × 8 = 376

Sum of first 5 numbers

= (53 × 3) + (55 × 2) = 269

Let the 6th number be a.

Then, 7th and 8th numbers are (a + 7) and (a + 10) respectively.

Now, a + (a + 7) + (a + 10) = 376 - 269

3a + 17 = 107, a = 30

Therefore, 8th number = (a + 10)

= (30 + 10) = 40.

Sol.54.(c) Speed = $\frac{Distance}{Time}$

According to question,

Speed of first train (S_1) = $\frac{442}{13}$ = 34 m/s.

Now,

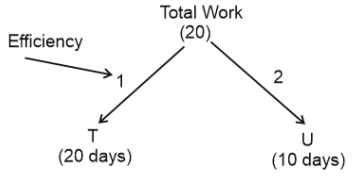
(S_1 + S_2) = $\frac{(d_1 + d_2)}{t}$

(34 + S_2) = $\frac{(442 + 442)}{17}$

(34 + S_2) = 52

Speed of second train (S_2) = 18 m/s.

Sol.55.(d)



According to question,

Work done by both in 4 days

= (1 + 2) × 4 = 12 units

Required % = $\frac{12}{20}$ × 100 = 60%

Sol.56.(c) According to question,

Difference (60 - 80)% = 20 % = 24 marks

Then, Maximum marks in the exam

= $\frac{24 \times 100}{20}$ = 120.

Sol.57.(c) The prime number between 30 and 50 = 31, 37, 41, 43, 47,

Therefore, required sum

= 31 + 37 + 41 + 43 + 47 = 199

Sol.58.(d) $0.51\overline{6}$ = 0.516666.....

Let 0.516666... be x.

Then, 100x = 51.66666 -------(i)

And 1000x = 516.66666 ----------(ii)

On subtracting (i) from (ii), we get

900x = 465 ⇒ $x = \frac{465}{900} = \frac{31}{60}$

Short tricks : -

$0.51\overline{6} = \frac{516 - 51}{900} = \frac{465}{900} = \frac{31}{60}$

Sol.59.(c) According to question,

Required number = LCM of (5, 8, 15)

= 120

Sol.60.(c) According to question,

Sum of ages of 17 students = 17 × 20

= 340 years

Therefore, required average

= $\frac{340 + 38}{18}$ = 21 years

Sol.61.(b) sanded the wood

The given sentence is in the past tense, so it must have the verb in the past form(V_2). Hence, 'sanded(V_2) the wood' is the most appropriate answer.

Sol.62.(a) I was more weaker.

'Weaker' is the correct comparative degree of 'weak'. Therefore, 'more' must be removed. Hence, 'I was weaker' is the most appropriate answer.

Sol.63.(c) **Displeased** - feeling dissatisfaction or annoyance.

Irritated - feeling slight anger or annoyance.

Pacified - brought to a state of peace or calm.

Obliged - feeling gratitude as a result of a previous favor or service.

Appeased - soothed or brought to a state of peace or satisfaction.

Sol.64.(a) excrsions

'Excursions' is the correct spelling.

Sol.65.(c) No error

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The given sentence is grammatically correct.

Sol.66.(d) Marine ecosystems were comparatively more resistant to extreme weather events
'Ecosystems', 'comparatively' and 'resistant' are the correct spellings.

Sol.67.(d) allegations
'These' is always used with a plural noun. Hence, 'allegations' is the most appropriate answer.

Sol.68.(a) its peak
'Peak' means the highest level or value. Here, 'peak' cannot be pluralised as it is an abstract noun. The plural 'peaks' is used for the highest point of hills or mountain ranges and is a common noun. Hence, 'its peak' is the most appropriate answer.

Sol.69.(c) has a pear
The house cannot be a pear tree. Rather, it can have a pear tree in the front or the backyard. 'Has' will be used to show possession. Hence, 'has a pear' is the most appropriate answer.

Sol.70.(d) **Truth**- something that is real or accurate.
Facade- an outward appearance that hides the true nature.
Hidden- concealed or out of sight.
Opening- an entrance or beginning.
Closure- an end or conclusion.

Sol.71.(c) Fold
An imperative sentence begins with the first form(V_1) of the verb and expresses a command, request, advice or suggestion.
The given sentence expresses a command. Hence, 'fold(V_1)' is the most appropriate answer.

Sol.72.(a) Drastic times call for drastic measures- when you are extremely desperate you need to take extremely desperate actions.
E.g.- The company was losing money fast, so they decided to lay off half of their employees. Drastic times call for drastic measures.

Sol.73.(a) **Misunderstood**- incorrectly interpreted or grasped.
Construe- to interpret or understand the meaning of something.
Engrossed- completely absorbed or focused.
Interest- curiosity or concern.
Silence- the absence of sound or speech.

Sol.74.(d) **Had a ball-** thoroughly enjoyed.

Sol.75.(a) Vishaka understand the
If the paired conjunctions 'either…or', 'neither…nor', 'not only…but also' are used, the verb agrees with the subject closest to the verb. 'VIshaka' is a singular subject that will take the singular verb 'understands'. Hence, 'Vishaka understands the' is the most appropriate answer.

Sol.76.(d) were
By reading forward, we can see that the verb 'were' has been after the conjunction 'and' for the same subject 'The initial two Russian PWR types'. Therefore, 'were' will be used in the blank as well. Hence, 'were' is the most appropriate answer.

Sol.77.(d) for
'For' is used to indicate the purpose of something. According to the passage, the initial two Russian PWR types at the Kudankulam site were not for the purpose of nuclear power. Hence, 'for' is the most appropriate answer.

Sol.78.(d) more
Comparative degree is used to show changes such as increase or decrease as compared to earlier. 'More rapidly' is the correct comparative degree of 'rapidly'. Hence, 'more' is the most appropriate answer.

Sol.79.(d) plans
'Plan' is a series of steps to be carried out. The given passage states that there are plans for eight 1000 MWe units at that site. Hence, 'plans' is the most appropriate answer.

Sol.80.(d) signed
'Signed' means engaged by a written agreement. The given passage states that a memorandum of understanding was signed for Russia. Hence, 'signed' is the most appropriate answer.

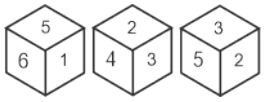
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SSC GD Constable
28/02/2024 (3rd Shift)

Reasoning

Q.1. Three positions of a dice are given below. What will come on the face opposite to the face containing '6' on it ?



(a) 1 (b) 2 (c) 4 (d) 3

Q.2. A is the brother of B. B is the sister of C. C is the mother of D. D is the wife of E. E is the father of F. F is the brother of G. How is C related to E ?
(a) Brother (b) Wife's mother
(c) Mother (d) Wife's father

Q.3. Five persons Anuj, Bheem, Chetan, Dheer and Imran are sitting around a circular table facing towards the centre (not necessarily in the same order). Only one person is sitting between Chetan and Dheer. Bheem is sitting second to the left of Dheer. Anuj is sitting to the immediate right of Bheem. Who is sitting to the immediate left of Anuj ?
(a) Imran (b) Dheer (c) Chetan (d) Bheem

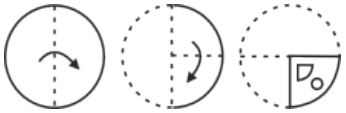
Q.4. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
HAWA MAHAL : RAJASTHAN : : CHARMINAR : TELANGANA : : STATUE OF UNITY : ?
(a) MAHARASHTRA (b) GUJARAT
(c) BIHAR (d) KARNATAKA

Q.5. Eight friends A, B, C, D, E, F, G and H are seated in a straight line and all of them are facing north, but not necessarily in the same order. B sits second to right of F. F sits at one of the extreme ends of the line. Only three people sit between B and E. C sits third to the left of D. Only two people sit between D and A. G is not an immediate neighbour of E. Who is sitting on the immediate left of H ?
(a) A (b) E (c) D (d) F

Q.6. After interchanging the given two signs what will be the values of equation (I) and (II) respectively ?
× and ÷
I. 16 × 4 - 8 ÷ 2 + 20
II. 35 ÷ 7 × 5 + 15 -18
(a) 10 and 46 (b) 15 and 20
(c) 8 and 46 (d) 17 and 41

Q.7. In a certain code language, if SUNSET is coded as 'TTOTDU and MOONRISE is coded as 'NNNOSHTD', then what will STARS be coded as ?
(a) TUZST (b) TUSTZ
(c) TUZTS (d) TZUST

Q.8. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened?



(a) 
(b) 
(c) 
(d) 

Q.9. In the following question, select the missing number from the given series.
71, 82, 93, 104, 115, ?
(a) 125 (b) 126 (c) 128 (d) 130

Q.10. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
NRTS, JNPO, FJLK, BFHG, ?
(a) XTRS (b) YMRF (c) XBDC (d) XMRF

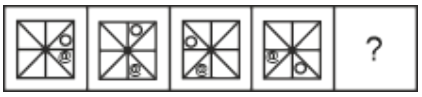
Q.11. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
p_qqrrssppq_rrssppqqrrssppqqr_s_
(a) qprs (b) srqp (c) pqrs (d) prpr

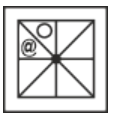
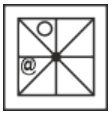
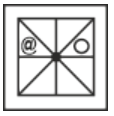
Q.12. If 8 * 4 @ 6 # 3 = 195 and 6 * 3 @ 5 # 10 = 100, then 7 * 3 @ 4 # 15 = ?
(a) 100 (b) 108 (c) 99 (d)110

Q.13. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I: Some books are pens.
Statement II: All pens are pencils.
Statement III: No pencil is a marker.
Conclusion I: Some books are not pens.
Conclusion II: No pen is a marker.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Neither conclusion I nor II follows
(d) Both conclusions I and II follow

Q.14. In the following question, select the related letters from the given alternatives.
ISF : DNA : : MMT : ?
(a) HHO (b) RQR (c) STU (d) CBP

Q.15. Select the figure that will replace the question mark (?) in the following figure series.



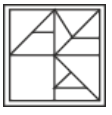
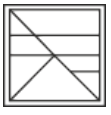
(a) 
(b) 
(c) 
(d) 

Q.16. Arrange the given words in alphabetical order:
1. DAISY 2. DART 3. DAFFODIL
4. DANDY 5. DAHLIA
(a) 3, 5, 1, 2, 4 (b) 3, 2, 1, 5, 4
(c) 3, 1, 2, 5, 4 (d) 3, 5, 1, 4, 2

Q.17. In a certain code language, 'GERMAN' is coded as 'HDSLBM. What is the code for 'EXPAND' in that code language ?
(a) FWQZPD (b) FWQZOC
(c) FWQZOB (d) FWQZPB

Q.18. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is not allowed)

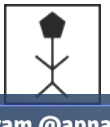


(a) 
(b) 
(c) 
(d) 

Q.19. Which of the following numbers will replace the question mark (?) in the given series ?
7, 9, 13, 21, 37, ?
(a) 67 (b) 69 (c) 55 (d) 42

Q.20. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

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General Awareness

Q.21. Finance Minister Nirmala Sitharaman has so far presented four union budgets. She became _____ woman till now to achieve this feat. (January 2023)
(a) fourth (b) second (c) first (d) third

Q.22. In chess, which piece is worth the lowest in terms of points ?
(a) King (b) Queen (c) Knight (d) Rook

Q.23. Which sport is related with AFC Challenge Cup ?
(a) Tennis (b) Football
(c) Cricket (d) Hockey

Q.24. Nandini Krishak Samriddhi Yojna 2023 is associated with which of the following ?
(a) Wheat (b) Rice (c) Sugarcane (d) Milk

Q.25. Which of the following statements is correct regarding Capital Expenditure?
I. Capital expenditure result in creation of physical or financial assets or reduction in financial liabilities.
II. Non-plan capital expenditure covers various general, social and economic services provided by the government.
(a) Only I (b) Only II
(c) Neither I nor II (d) Both I and II

Q.26. When a person seems to be working, but their work is not contributing to the output, it is known as_____.
(a) Cyclical unemployment
(b) Disguised unemployment
(c) Frictional unemployment
(d) Seasonal unemployment

Q.27. In which of the following states of India is the festival Baisakhi celebrated ?
(a) Punjab (b) West Bengal
(c) Assam (d) Tamil Nadu

Q.28. Which of the following articles of the Indian Constitution mentions that the State shall maintain just and honourable relations between nations ?
(a) Article 51 (b) Article 47
(c) Article 48 (d) Article 49

Q.29. In which year was the Rowlatt Act passed in India ?
(a) 1913 (b) 1919 (c) 1923 (d) 1909

Q.30. Who of the following was invented and popularized Mohan Veena ?
(a) Pt. Ravi Shankar
(b) Pt. Ram Narayan
(c) Pt. Vishwa Mohan Bhat
(d) Annapurna Devi

Q.31. What is the total rural literacy rate according to the 1951 census of India ?
(a) 16.1 persent (b) 12.1 persent
(c) 14.1 persent (d) 18.1 persent

Q.32. In India, _____ is the legislative branch of government; It is in charge of making laws.
(a) Supreme Court (b) President
(c) Home Minister (d) Parliament

Q.33. Mauryan Empire in India was established in 322 B.C. with its capital in Pataliputra which is now known as _____.
(a) Patiala (b) Panaji (c) Patna (d) Delhi

Q.34. Which Indian cricketer has been announced as Brand Ambassador of Bharat Petroleum Corporation Ltd.(BPCL) in August 2023 ?
(a) Sachin Tendulkar (b) M.S. Dhoni
(c) Rahul Dravid (d) Virat Kohli

Q.35. _____ is a form of matter in which many of the electrons wander around freely among the nuclei of the atoms.
(a) Liquid (b) Plasma (c) Solid (d) Gas

Q.36. The duration of a kabaddi match is of how many minutes (excluding break time) ?
(a) 45 minutes (b) 50 minutes
(c) 30 minutes (d) 40 minutes

Q.37. Which of the following is the unique dance tradition of Himachal Pradesh ?
(a) Bihu (b) Cheraw (c) Nati (d) Dandari

Q.38. What is the full form of NEIA ?
(a) National Export Insurance Authority
(b) National Emergency Insurance Account
(c) National Export Insurance Account
(d) National Export Issuance Account

Q.39. Which of these artists is a Manipuri dance style doyenne ?
(a) Gopi Krishan
(b) T Balasaraswati
(c) Pt. Gopal Prasad Dubey
(d) Rajkumar Singhajit Singh

Q.40. In the Union Budget 2021-22, presented on 1st February 2021, the Finance Minister of India announced an outlay of INR 1.97 Lakh Crores for the Production-Linked Incentive (PLI) Schemes for _____ key sectors.
(a) 13 (b) 10 (c) 11 (d) 12

Quantitative Aptitude

Q.41. What is the value of $5\frac{1}{4} + 6\frac{1}{2} + 7\frac{3}{4} - 8\frac{1}{2}$?
(a) 11 (b) 8 (c) 9 (d) 10

Q.42. Pankaj purchases a watch for Rs. 800. He sells the watch at a discount of 20 percent and earns a profit of 20 percent . What is the marked price of the watch ?
(a) Rs. 1000 (b) Rs. 840
(c) Rs. 1200 (d) Rs. 900

Q.43. If one of the sides of an equilateral triangle is $\frac{1}{3}$ cm. Find the area of the triangle.
(a) $\frac{\sqrt{3}}{4}\ cm^2$ (b) $\frac{1}{(12\sqrt{3})}\ cm^2$
(c) $\frac{4}{3}\ cm^2$ (d) $\frac{4}{\sqrt{3}}\ cm^2$

Q.44. Compound interest (compounding annually) on a sum for 2 years is Rs. 6681.6. If the rate of interest is 32 percent per annum, then what is the sum.
(a) Rs. 8400 (b) Rs. 8800
(c) Rs. 8700 (d) Rs. 9000

Q.45. The average income of 5 persons is ₹ 550 and that of another 15 persons is ₹450. Find the average income of the whole group.
(a) ₹675 (b) ₹525 (c) ₹475 (d) ₹325

Q.46. L's income is 125 percent of M's income and L's expenditure is 120 percent of M's expenditure. If L's income is 180 percent of M's expenditure, then what is the respective ratio of L's savings and M's savings ?
(a) 17 : 23 (b) 12 : 5 (c) 15 : 11 (d) 5 : 9

Q.47. If product of two numbers is 108 and the HCF between them is 3. What is the LCM of the two numbers ?
(a) 42 (b) 25 (c) 32 (d) 36

Q.48. Average of 3 numbers is 23. First number is 5 less than the average of the other two. Third number is 13 more than the average of other two. What is the difference between first and third number
(a) 21 (b) 17 (c) 18 (d) 12

Q.49. Two trains are moving in the same direction at the speed of 73 km/hr and 123 km/hr. The time taken by faster train to cross a man sitting in the slower train is 27 seconds. What will be the length of the faster train ?
(a) 430 metres (b) 485 metres
(c) 320 metres (d) 375 metres

Q.50. Find the mean proportion between 21 and 189.
(a) 66 (b) 68 (c) 62 (d) 63

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Q.51. The price of an edible oil is increased by 45%. To maintain the budget, Rekha reduces the consumption of this oil by 20%. Find the increase in expenditure due to this edible oil.
(a) 16% (b) 17% (c) 15% (d) 18%

Q.52. Find the value of 755 - [250 + {33 - (100 - 70)}]
(a) 510 (b) 506 (c) 502 (d) 500

Q.53. Vikas sells 2 tables at the rate of Rs. 504 per table. He earns 40 percent profit on first table and suffers a loss of 40 percent on second table. What is the total cost price of both the tables ?
(a) Rs. 1200 (b) Rs. 1400
(c) Rs. 1000 (d) Rs. 1500

Q.54. C is thrice as good a workman as D and together they can finish a work in 31 days. In how many days will D alone complete the same work ?
(a) 144 (b) 130 (c) 124 (d) 136

Q.55. If B can do 20 percent of a work in 7 days, then B can complete the entire work in how many days ?
(a) 45 (b) 37 (c) 35 (d) 42

Q.56. If the selling price of a bottle is Rs. 408 and loss percentage is 32 percent, then what is the cost price of the bottle ?
(a) Rs. 650 (b) Rs. 700
(c) Rs. 720 (d) Rs. 600

Q.57. Mary borrowed $3000 from a friend at a simple interest rate of 6% per annum. If she repays the loan after 1.5 years, find the total interest paid.
(a) $280 (b) $270 (c) $250 (d) $290

Q.58. The selling price of an article is Rs. 3410. If discount of 45 percent is given, then what will be the marked price of the article ?
(a) Rs. 6400 (b) Rs. 6000
(c) Rs. 6500 (d) Rs. 6200

Q.59. What is the value of 52 + 4 of $(28 + 2) - 17 \times 4$?
(a) 100 (b) 104 (c) 112 (d) 110

Q.60. If X : Y = 1 : 5, then what is the value of X : (X + Y) ?
(a) 5 : 6 (b) 1 : 6 (c) 6 : 1 (d) 1 : 5

English

Q.61. Select the most appropriate synonym of the given word.
Asleep
(a) Drowsy (b) Dizzy
(c) Dormant (d) Active

Q.62. Choose the word that is opposite in meaning to the given word.
Appreciate
(a) Disvalue (b) Flourish
(c) Burgeon (d) Savvy

Q.63. Select the incorrectly spelt word from the given sentence.
As he got older, the two stoped going to the park, and their relationship began to deteriorate.
(a) deteriorate (b) older
(c) relationship (d) stoped

Q.64. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
I thanked him, / staring at him far beyond the bounds of good manners, / and holding tight to Joe.
(a) No error
(b) and holding tight to Joe.
(c) I thanked him,
(d) staring at him far beyond the bounds of good manners,

Q.65. Improve the underlined part of the sentence. Choose "No improvement" as an answer if the sentence is grammatically correct.
She had finished all her homework <u>from 5 a.m. on that day</u>.
(a) by 5 a.m. in that day
(b) No improvement
(c) by 5 a.m. on that day
(d) till 5 a.m. at that day

Q.66. Select the most appropriate meaning of the given idiom.
Nothing to Sneeze at
(a) Lowest Ranking
(b) To keep secrets.
(c) Not well known of used.
(d) Not important

Q.67. Choose the most appropriate antonym of the underlined word.
Young, **<u>glamorous</u>** candidates have typically fared better in general elections.
(a) Flashy (b) Attractive
(c) Alluring (d) Repulsive

Q.68. Select the sentence with no spelling errors.
(a) She had seen public executions before, but this one would hant her for ears to come.
(b) She had seen public exsecutions before, but this one would haunt her for years to come.
(c) She had seen public executions before, but this one would haunt her for years to come.
(d) She had seen public executions before, but this one would hawnt her for years to come.

Q.69. Select the most appropriate option for the given blank.
My mother thinks that my aunt has _____ a spell on me.
(a) produced (b) cast
(c) modelled (d) filed

Q.70. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
When I asked her / how she came to be at the window / she shook her head and turns away.
(a) When I asked her
(b) No error
(c) she shook her head and turns away.
(d) how she came to be at the window

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
We need to upgrade to the late software to run this application.
(a) No error
(b) We need to upgrade
(c) to the late software
(d) to run this application

Q.72. Select the most appropriate word to fill in the blank.
He is _____ charming and witty.
(a) not only (b) yet (c) neither (d) both

Q.73. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Learn to **separate what is useful from what is worthless.** Otherwise, you will always be tied up with unnecessary things.
(a) Let the cat out of the bag
(b) Spill the beans
(c) Chew the cud
(d) Separate the wheat from the chaff

Q.74. Fill in the blank with the most appropriate option.
When supper was_____, Uncle Jack went to the Livingroom and sat down.
(a) completed (b) finish
(c) closed (d) over

Q.75. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
They gave <u>we a tour</u> of their new house.
(a) we a touring (b) us a toured
(c) us a tour (d) No improvement

Cloze Test :
Direction :- [Q.76. to Q.80.]
Deep Ocean Mission would not result in any over-exploitation of marine (76) _____ by corporate houses and will not affect the life and livelihoods of (77)

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_____ in the country. The Deep Ocean Mission aims to explore deep-oceanic resources and (78)_____technologies for their sustainable use. The outcome of the program is intended (79)_____ identify potential new resources and develop technology for harnessing them in the future, which may generate (80) _____ opportunities for livelihood.

Q.76. (a) sectors (b) assets
(c) resources (d) subjects

Q.77. (a) sculptors (b) fishermen
(c) sailors (d) guards

Q.78. (a) forsake (b) shrivel
(c) celebrate (d) develop

Q.79. (a) of (b) for (c) in (d) to

Q.80. (a) adding (b) additional
(c) additive (d) addition

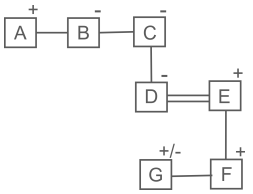
Answer Key :-

1.(b)	2.(b)	3.(d)	4.(b)
5.(c)	6.(c)	7.(a)	8.(b)
9.(b)	10.(c)	11.(c)	12.(c)
13.(b)	14.(a)	15.(b)	16.(d)
17.(b)	18.(a)	19.(b)	20.(c)
21.(c)	22.(a)	23.(b)	24.(d)
25.(d)	26.(b)	27.(a)	28.(a)
29.(b)	30.(c)	31.(b)	32.(d)
33.(c)	34.(c)	35.(b)	36.(d)
37.(c)	38.(c)	39.(d)	40.(a)
41.(a)	42.(c)	43.(b)	44.(d)
45.(c)	46.(c)	47.(d)	48.(d)
49.(d)	50.(d)	51.(a)	52.(c)
53.(a)	54.(c)	55.(c)	56.(d)
57.(b)	58.(d)	59.(b)	60.(b)
61.(c)	62.(a)	63.(d)	64.(a)
65.(c)	66.(d)	67.(d)	68.(c)
69.(b)	70.(c)	71.(c)	72.(d)
73.(d)	74.(d)	75.(c)	76.(c)
77.(b)	78.(d)	79.(d)	80.(b)

Solutions :-

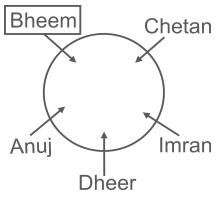
Sol.1.(b)
From dice 1 and 3, opposite faces are:
1 ↔ 3, 6 ↔ 2, 4 ↔ 5
So, the opposite faces of 6 is 2.

Sol.2.(b)



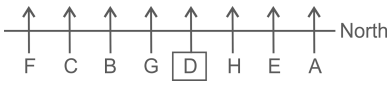
C is the mother of E's wife.

Sol.3.(d)



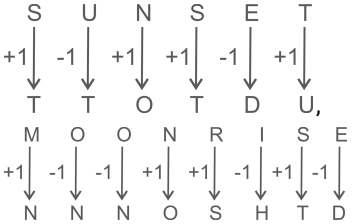
Sol.4.(b) As HAWA MAHAL is in RAJASTHAN and CHARMINAR is in TELANGANA.
Similarly, STATUE OF UNITY is in GUJARAT.

Sol.5.(c)

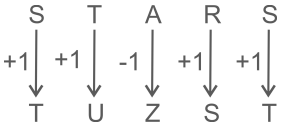


Sol.6.(c) Given: I. 16 × 4 - 8 ÷ 2 + 20
As per given instructions, after interchanging × and ÷ in I and II, we get
16 ÷ 4 - 8 × 2 + 20
= 4 - 16 + 20 = 8
II. 35 ÷ 7 × 5 + 15 -18
35 × 7 ÷ 5 + 15 -18
$= 35 \times \frac{7}{5} + 15 - 18 = 49 + 15 - 18 = 46$
The required answer is 8 and 46.

Sol.7.(a)
Logic : adding 1 to the consonants and subtracting 1 from the vowels, we have;



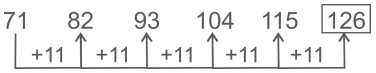
Similarly,



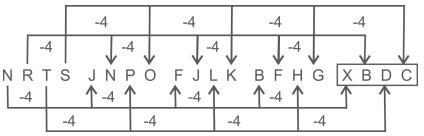
Sol.8.(b)



Sol.9.(b)



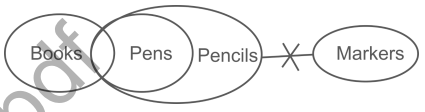
Sol.10.(c)



Sol.11.(c)
p**p**qqrrss/ppq**q**rrss/ppqqrrss/ppqqr**r**s**s**

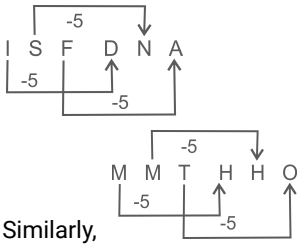
Sol.12.(c) Logic : Interchange *, @ and # with ×, ×, + respectively.
8 * 4 @ 6 # 3 = 195
⇒ 8 × 4 × 6 + 3 = 195
⇒ 192 + 3 = 195
6 * 3 @ 5 # 10 = 100
⇒ 6 × 3 × 5 + 10 = 100
⇒ 90 + 10 = 100
Similarly, 7 * 3 @ 4 # 15
⇒ 7 × 3 × 4 + 15 = 99

Sol.13.(b)



Only conclusion II follows.

Sol.14.(a)



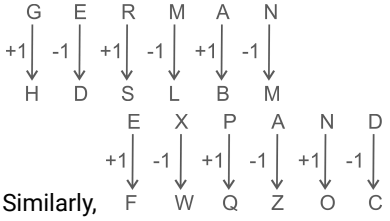
Similarly,

Sol.15.(b)



Sol.16.(d) The correct order is :
DAFFODIL (3) → DAHLIA (5) → DAISY (1) → DANDY (4) → DART (2)

Sol.17.(b)

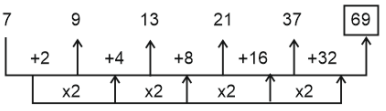


Similarly,

Sol.18.(a)



Sol.19.(b)



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Sol.20.(c)



Sol.21.(c) First. Finance Minister Nirmala Sitharaman made history in July 2024 by presenting her seventh consecutive Budget, surpassing the previous record of six consecutive Budgets held by Morarji Desai. She is notable for being the first full-time female Finance Minister of India. Before her, Indira Gandhi was the first woman to serve as Finance Minister, albeit briefly, while she was also Prime Minister during 1970-71.

Sol.22.(a) King. Chess Piece Values: A pawn is worth one point, a Knight or bishop is worth three points, a rook is worth five points and a queen is worth nine points. The king is the only piece that does not have a point value. A chessboard has 8 rows and 8 columns, for a total of 64 squares.

Sol.23.(b) Football. The AFC Challenge Cup was an international football competition for Asian Football Confederation (AFC) member countries. Region - Asia. Related competitions - AFC Solidarity Cup. Most successful team(s) - North Korea (2 titles).

Sol.24.(d) Milk. The Uttar Pradesh government has unveiled the Nandini Krishak Samriddhi Yojana as a part of the Nand Baba Mission. Aim: Towards improving cattle breeds and increasing milk production across the state. Uttar Pradesh, Rajasthan, Madhya Pradesh, Gujarat and Andhra Pradesh were the top five major milk producing states in the country.

Sol.25.(d) Both I and II. Capital expenditure is the expenditure by the government for the development of fixed assets. It is used to create assets or to reduce liabilities. Non-plan capital expenditure is the government's revenue expenditure that's not included in plan expenditure.

Sol.26.(b) Disguised unemployment. Cyclical unemployment is the component of overall unemployment that results directly from cycles of economic upturn and downturn. Frictional unemployment occurs when individuals voluntarily leave their jobs to seek new ones, often for better pay, benefits, or job satisfaction. Seasonal unemployment occurs when there is a decrease in demand for labor based on the time of year.

Sol.27.(a) Punjab.
State and their festivals: Punjab - Hola Mohalla, Lohri, Basant Panchami, Teeyan, Jor Mela, Maghi. West Bengal - Durga Puja, Kali Puja, Pohela Boishakh (Bengali New Year). Assam - Bihu (Rongali, Bhogali, and Kongali), Bohag Bihu, Tea Festival, Majuli festival. Tamil Nadu - Pongal, Chithirai Festival, Karthigai Deepam.

Sol.28.(a) Article 51. Article 47 - Duty of the State to raise the level of nutrition and the standard of living and to improve public health. Article 48 - Organisation of agriculture and animal husbandry. Article 49 - Protection of monuments and places and objects of national importance.

Sol.29.(b) 1919. The Rowlatt Act was officially known as the "Anarchical and Revolutionary Crimes Act of 1919". The Act was passed by the Rowlatt Committee, presided by Sir Sydney Rowlatt. This act was called the Black Act by Mahatma Gandhi. The Rowlatt Act came to be repealed in 1922.

Sol.30.(c) Pt. Vishwa Mohan Bhat. The Mohan Veena is a stringed instrument that combines the Indian veena with slide guitar for expressive, and gliding notes. His Awards - Padma Bhushan (2017), Padma Shri (2002), Sangeet Natak Akademi Award (1998), Grammy Award (Best World Music Album) - A Meeting by the River (With Ry Cooder). Famous Artists of Mohan Veena: Radhika Mohan Maitra, Salil Bhatt, Harry Manx.

Sol.31.(b) 12.1 percent. According to the 1951 census: The total literacy rate of India was 18.32%. The total urban literacy rate was 34.59%. The first Census of Independent India began on 9 February 1951 and enumeration continued till 28 February 1951.

Sol.32.(d) Parliament. The Indian Parliament comprises of the President and the two Houses - Rajya Sabha (Council of States) and Lok Sabha (House of the People). The Parliament has exclusive power to make laws on the subjects enumerated in the Union List and on the Residuary Subjects (subjects that are not enumerated in any of the three lists).

Sol.33.(c) Patna. The Mauryan Empire (around 322 B.C.E. - 185 B.C.E.) was the first pan-Indian empire. It spanned across central and northern India as well as over parts of modern-day Iran. Pataliputra was a major center of politics, culture, and trade during the Mauryan period.

Sol.34.(c) Rahul Dravid.
Bharat Petroleum Corporation Limited (BPCL) is an Indian public sector undertaking (PSU) under the ownership of the Ministry of Petroleum and Natural Gas, Government of India. Headquarters - Mumbai (Maharashtra). Products - Petroleum, Natural gas, LNG, Lubricants, Petrochemicals.

Sol.35.(b) Plasma has been called the fourth state of matter. Other three are - solid, liquid and gas. Examples of forms of Plasma: Lightning (shining in the sky), Aurorae, The excited low-pressure gas inside neon signs and fluorescent lights, Solarwind, Welding arcs, The Earth's ionosphere, Stars (including the Sun), The tail of a comet, Interstellar gas clouds.

Sol.36.(d) 40 minutes (two halves of 20 minutes each). Kabaddi is a contact team sport played between two teams of seven players, originating in ancient India. Nicknames - Chedugudu, Sadugudu, Pakaada, Ha-du-du, Bhavatik, Saadukuda, Hu-Tu-Tu, Himoshika. Highest governing body - International Kabaddi Federation.

Sol.37.(c) Nati is listed in the Guinness Book of World Records as the world's largest folk dance by number of participants. Famous dance of Himachal Pradesh: Demon Dance, Kayang Mala, Shand and Shabu Dance, Cholamba Dance. Dandari - Andhra Pradesh. Bihu - Assam. Cheraw - Mizoram.

Sol.38.(c) National Export Insurance Account (NEIA) Trust aims to ensure the availability of credit risk cover for projects and other high-value exports. It was set up in 2006 to promote Medium and Long-Term (MLT) / project exports by enabling credit and political insurance.

Sol.39.(d) Rajkumar Singhajit Singh. He is a leading exponent of Manipuri, including the Pung cholom and Raslila. He was awarded with the Sangeet Natak Akademi Award (1984) and the Padma Shri (1986) for his contribution to the Manipuri dance. Other Exponents: Gopi Krishna (Kathak), T Balasaraswati (Bharatanatyam), Pt. Gopal Prasad Dubey (Chhau).

Sol.40.(a) 13. PLI Schemes aim to create

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national manufacturing champions and generate employment opportunities for the country's youth. The scheme offers incentives to companies based on their sales of products made in India.

Sol.41.(a) $5\frac{1}{4} + 6\frac{1}{2} + 7\frac{3}{4} - 8\frac{1}{2}$

$\frac{21}{4} + \frac{13}{2} + \frac{31}{4} - \frac{17}{2}$

$\frac{21+26+31-34}{4} = \frac{44}{4} = 11$

Sol.42.(c) $\frac{C.P.}{M.P.} = \frac{100-D\%}{100+P\%}$

$\frac{800}{M.P.} = \frac{100-20\%}{100+20\%} \Rightarrow \frac{800}{M.P.} = \frac{80\%}{120\%}$

So, marked price = $\frac{120 \times 800}{80}$ = Rs.1200

Sol.43.(b)

area of equilateral triangle = $\frac{\sqrt{3}}{4}a^2$

$= \frac{\sqrt{3}}{4} \times \frac{1}{3} \times \frac{1}{3} = \frac{1}{(12\sqrt{3})}\ cm^2$

Sol.44.(d) let principal be 100 %

Effective rate = 32 + 32 + $\frac{32 \times 32}{100}$

= 74.24 %

According to question,

74.24% = 6681.6 ⇒ 1% = 90

(principal) 100 % = 90 × 100 = Rs.9000

Sol.45.(c) average income of whole group = $\frac{5 \times 550 + 450 \times 15}{20} = \frac{9500}{20}$

= ₹475

Sol.46.(c) according to question,

$\frac{L's\ income}{M's\ income} = \frac{125}{100} = \frac{5 \times 9}{4 \times 9} = \frac{45}{36}$

$\frac{L's\ expenditure}{M's\ expenditure} = \frac{120}{100} = \frac{6 \times 5}{5 \times 5} = \frac{30}{25}$

$\frac{L's\ Income}{M's\ expenditure} = \frac{180}{100} = \frac{9 \times 5}{5 \times 5} = \frac{45}{25}$

Therefore, $\frac{L's\ savings}{M's\ savings} = \frac{45-30}{36-25} = \frac{15}{11}$

Sol.47.(d)

L.C.M × H.C.F = 1st no. × 2nd no.

L.C.M. = $\frac{108}{3}$ = 36

Sol.48.(d) let three number be a ,b, c

Sum of three numbers = 69

According to question,

a + 5 = $\frac{b+c}{2}$ ----------(1)

c = $\frac{a+b}{2}$ + 13 ----------(2)

Subtract the eq .(2) from eq .(1)

a + 5 - c = $\frac{b+c}{2}$ - ($\frac{a+b}{2}$ + 13)

a + 5 - c = $\frac{c-a}{2}$ - 13

2a + 10 - 2c = c - a - 26

3a - 3c = - 36 ⇒ a - c = - 12

So, the difference between first and third number is 12

Sol.49.(d) length of faster train = relative speed of both train × time

= (123 - 73) km/hr × 27 sec.

= $\frac{50 \times 5}{18}$ × 27 = 375 metres

Sol.50.(d) mean proportion = $\sqrt{21 \times 189}$

= $\sqrt{21 \times 21 \times 9}$ = 63

Sol.51.(a)

expenditure = price × consumption

Ratio →	initial	:	final
Price →	20	:	29
consumption→	5	:	4

Expenditure → 100 : 116

Percentage increase = $\frac{16}{100}$ × 100 = 16%

Sol.52.(c)

$755 - [250 + \{33 - (100 - 70)\}]$

$= 755 - [250 + \{33 - 30\}]$

$= 755 - [250 + 3]$

= 755 - 253 = 502

Sol.53.(a)

Total loss = $\frac{x^2}{100} = \frac{40^2}{100}$ = 16%

Let the cost price of both table = 100%

according to question,

84% = 1008

1 % = 12

100% = 12 × 100 = Rs.1200

Sol.54.(c) $\frac{efficiency\ of\ C}{efficiency\ of\ D} = \frac{3}{1}$

Total work = 4 × 31 = 124 unit

Time taken by D to complete the whole work = $\frac{124}{1}$ = 124 days

Sol.55.(c) according to question,

Time taken by B to complete the 20% work = 7 days

100% (total work) = 7 × 5 = 35 days

Sol.56.(d) cost price of bottle

= $\frac{100 \times 408}{68}$ = Rs. 600

Sol.57.(b) S.I. = $\frac{3000 \times 6 \times 3}{2 \times 100}$ = $270

Sol.58.(d) marked price

= $\frac{3410 \times 100}{55}$ = Rs. 6200

Sol.59.(b) 52 + 4 of (28 + 2) - 17 × 4

⇒ 52 + 120 - 68

⇒ 172 - 68 ⇒ 104

Sol.60.(b) given, $\frac{X}{Y} = \frac{1}{5}$

Hence , $\frac{X}{(X+Y)} = \frac{1}{1+5} = \frac{1}{6}$

Sol.61.(c) Dormant- in a deep sleep.
Asleep- being in a state of sleep.
Drowsy- sleepy and having low energy.
Dizzy- feeling as if everything is turning round.

Sol.62.(a)
Disvalue- to consider of little value.
Appreciate- to recognize how good someone or something is and to value them or it.
Flourish- to grow or develop successfully.
Burgeon- begin to grow or increase rapidly.
Savvy- having or showing practical knowledge and experience.

Sol.63.(d) stoped
'Stopped' is the correct spelling.

Sol.64.(a) No error.
The given sentence is grammatically correct.

Sol.65.(c) by 5 a.m. on that day.
'By' is used at or before. 'By' is used to indicate the time before which an action is completed. Similarly, the given sentence states that all her homework had been completed at or before 5 a.m. Hence, 'by 5 a.m. on that day' is the most appropriate answer.

Sol.66.(d)
Nothing to Sneeze at- important.
E.g.- The job offer may not be perfect, but the salary is nothing to sneeze at.

Sol.67.(d) Repulsive- causing a strong feeling of disgust.
Glamorous- excitingly attractive.
Flashy- looking too bright, big, and expensive.
Attractive- pleasing to the eye or mind.
Alluring- attractive and exciting.

Sol.68.(c) She had seen public executions before, but this one would haunt her for years to come.
'Executions', 'aunt' and 'years' are the correct spellings.

Sol.69.(b) cast
The phrase 'cast a spell on someone' means to use words or magic to affect someone. The given sentence states that my mother thinks that my aunt has cast a spell on me. Hence, 'cast' is the most appropriate option.

Sol.70.(c) she shook her head and turns away

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'Turns' must be replaced with 'turned' as the sentence begins in the past tense, so the following verb should also be in the past tense. Hence, 'she shook her head and turned away' is the most appropriate option.

Sol.71.(c) to the late software
'Late' must be replaced with 'latest' as 'latest' refers to the most recent version of the software. Hence, 'to the latest software' is the most appropriate option.

Sol.72.(d) both
'Both .....and' is a fixed conjunction pair. Hence, 'both' is the most appropriate answer.

Sol.73.(d) Separate the wheat from the chaff- separate what is useful from what is worthless.

Sol.74.(d) over
'Over' means an event or activity has ended. The given sentence states that when supper was over, Uncle Jack went to the Living room and sat down. Hence, 'over' is the most appropriate answer.

Sol.75.(c) us a tour
Objective case pronouns (him, her, you, us, them) are used as the object of a verb in a sentence. 'Us' is the objective case of 'we'. Hence, 'us a tour' is the most appropriate answer.

Sol.76.(c) resources
'Resources' are the natural substances that are valuable in supporting life. The given passage states that the Deep Ocean Mission would not result in any over-exploitation of marine resources by corporate houses. Hence, 'resources' is the most appropriate answer.

Sol.77.(b) fishermen
'Fisherman' is a person who catches fish for a living or for sport. The given passage states that the Deep Ocean Mission will not affect the life and livelihoods of fishermen in the country. Hence, 'fishermen' is the most appropriate answer.

Sol.78.(d) develop
'Develop' means to invent something. The given passage states that the Deep Ocean Mission aims to explore deep-oceanic resources and develop technologies for their sustainable use. Hence, 'develop' is the most appropriate answer.

Sol.79.(d) to
'To + V_1', also known as infinitive, is the correct grammatical structure. Hence, 'to' is the most appropriate answer.

Sol.80.(b) additional
'Additional' means extra things apart from the ones already present. The given passage states that the outcome of the program is intended to identify potential new resources and develop technology for harnessing them in the future, which may generate additional opportunities for livelihood. Hence, 'additional' is the most appropriate answer.

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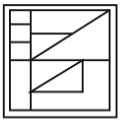
SSC GD Constable
28/02/2024 (4th Shift)

Reasoning

Q.1. If A+B means A is the wife of B. A × B means A is the father of B. A ÷ B means A is the mother of B. A $ B means A is the brother of B and A - B means A is the sister of B.
If P ÷ D $ B + H × T - M. then how is D related to H ?
(a) Sister (b) Husband's brother
(c) Wife's brother (d) Brother

Q.2. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is NOT allowed)



(a) 
(b) 
(c) 
(d) 

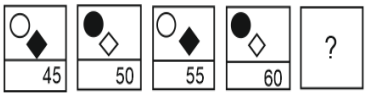
Q.3. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
eeefff_gghhheeefffggg_hheeefff_gghh_
(a) hghg (b) ghgh (c) gghh (d) fegh

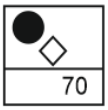
Q.4. In a certain code language, TOWNS' is coded as '60329", "SWORD' is coded as 21968", "TRIPS' is coded as 48732- What is the code for 'R' in that code language?
(a) 1 (b) 9 (c) 2 (d) 8

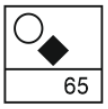
Q.5. In the following question, select the related letters from the given alternatives.
FJN : GKO :: WZC : ?
(a) KMN (b) BZY (c) XAD (d) IHC

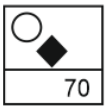
Q.6. Five people Alice, Bob, Carol, Dave, and Emma are sitting on a circular table facing towards the center. Dave sits in between Bob and Carol. Emma sits to the left of Alice. Alice and Carol are not neighbours. Who sits to the immediate right of Carol?
(a) Bob (b) Alice (c) Dave (d) Emma

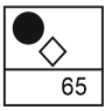
Q.7. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 

(b) 

(c) 

(d) 

Q.8. Which two signs should be interchanged to make the given equation correct?
20 + 2 ÷ 4 - 8 × 28 = 30
(a) × and - (b) × and +
(c) × and ÷ (d) + and ÷

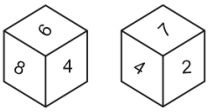
Q.9. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
LCT, QIB, VOJ, AUR,?
(a) FAZ (b) BAE (c) YAB (d) FAQ

Q.10. In the following question, select the related letter pair from the given alternatives.
TG : YL :: ?
(a) ZM : VW (b) TG : QD
(c) NA : KU (d) WJ : BO

Q.11. In a certain code language, ZNHD' is coded as "7519", "HMDE' is coded as "2167", "NEAO' is coded as "3852". What is the code for 'Z' in that code language?
(a) 1 (b) 7 (c) 5 (d) 9

Q.12. Six people A. B, C, D. E, and F are sitting. in a circle facing away from the centre. A and C are sitting exactly opposite to each other. B, who is sitting to the immediate left of A, is also exactly opposite to D. F is not sitting next to A. Who is sitting to the opposite of E?.
(a) D (b) F (c) C (d) A

Q.13. Two positions of a dice are given below. What will come on the face opposite to the face containing '8' on it?



(a) 5 (b) 7 (c) 2 (d) 6

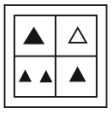
Q.14. Arrange the given words in alphabetical order:
1. Notch 2. Noise 3. Noble
4. Noisy 5. Nosey
(a) 3, 2, 5, 4, 1 (b) 3, 2, 4, 5, 1
(c) 3, 5, 4, 1, 2 (d) 3, 1, 4, 5, 2

Q.15. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements :
I. All P are G.
II. Some B are G.
Conclusions :
I. Some B are not P.
II. All G are P.
III. Some G are P.
(a) Neither conclusion follows
(b) All conclusion follows
(c) Both conclusions I and II follows
(d) Only conclusion III follows

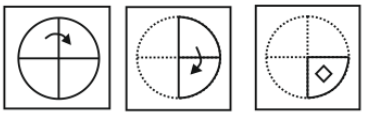
Q.16. If 10 A 5 B 6 C 30 = 270 and 4 A 6 B 7C 8 = 160, then 8 A 5 B 6 C 10 = ?
(a) 230 (b) 300 (c) 240 (d) 290

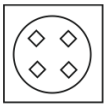
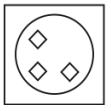
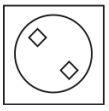
Q.17. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.18. A paper is folded and cut as shown below. How will it appear when unfolded?



(a) 
(b) 
(c) 
(d) 

Q.19. Which of the following numbers will replace the question mark (?) in the given series?
27, 28, 32, ?, 57, 82
(a) 41 (b) 50 (c) 54 (d) 36

Q.20. In the following question, select the missing number from the given series.
203, 235, 268, 302, 337, ?
(a) 364 (b) 360 (c) 370 (d) 373

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General Awareness

Q.21. The government of India to introduced a new economic policy in ____
(a) 1947 (b) 1991 (c) 1980 (d) 1995

Q.22. What is the sex ratio in India as per the 2011 census (Females per Thousand males) ?
(a) 923 (b) 943 (c) 963 (d) 903

Q.23. Which dance form from West Bengal combines elements of classical dance with martial arts, and its movements often depict stories from India mythology ?
(a) Kuchipudi (b) Odissi
(c) Mohiniattam (d) Chhau

Q.24. _____ can be played indoors or outdoors.
(a) Golf (b) Cricket
(c) Volleyball (d) Table Tennis

Q.25. Who has been appointed as the first woman Chairperson of the Railway Board ?
(a) Kalyani Chadha (b) Manju Gupta
(c) Jaya Verma Sinha (d) M.Kalavathy

Q.26. In India, the total number of members in the Legislative Council of a State having such a Council shall not exceed _____of the total number of members in the Legislative Assembly of that State.
(a) one-third (b) two-third
(c) one-fourth (d) one-fifth

Q.27. Who has won the prestigious 'Eni Award, which is considered among the top global honours for scientific research in energy and environment in July 2023 ?
(a) P.D. Vaghela
(b) Subodh Jaiswal
(c) Iqbal Singh Lalpura
(d) Thalappil Pradeep

Q.28. Who is regarded as the founding father of modern economics?
(a) Adam Smith (b) Karl Marx
(c) Alfred Marshall (d) Daniel Kahneman

Q.29. _____ represents a potential for further intellectual growth and contribution to economic-socio-cultural development of society.
(a) Census (b) Literacy
(c) Economy (d) Politics

Q.30. The portion of agricultural produce which is sold in the market by the farmers is called _____.
(a) marketed surplus
(b) produced surplus
(c) marketed deficit
(d) produced deficit

Q.31. In swimming, one swims on their back in the ___.
(a) Backstroke (b) Streamline
(c) Butterfly stroke (d) Freestyle

Q.32. Which of the following pair of sports persons - sports associated with is correct ?
I. Pooja Vastrakar - Shooting
II. Kuldeep Yadav - Cricket
(a) Only II (b) Both I and II
(c) Neither I nor II (d) Only I

Q.33. T. Balasaraswati is related to which of the following dance ?
(a) Kathak (b) Odissi
(c) Kathakali (d) Bharatnatyam

Q.34. The last and _____ tirthankara of the Jainas was Vardhamana Mahavira.
(a) 22nd (b) 21st (c) 24th (d) 23rd

Q.35. Which maestro of the tabla, a percussion instrument, is regarded as one of the greatest musicians in the world and has collaborated with numerous international artists?
(a) Zakir Hussain
(b) Hari Prasad Chaurasia
(c) L. Subramaniam
(d) Shiv Kumar Sharma

Q.36. Philosophers classified matter in the form of how many basic elements ?
(a) 8 (b) 6 (c) 5 (d) 4

Q.37. The Dandi March, led by Mahatma Gandhi in 1930, was a significant protest against which British policy?
(a) Indigo cultivation
(b) Textile trade regulations
(c) Land revenue
(d) Salt tax

Q.38. When the Banning of Unregulated Deposit Schemes Act passed ?
(a) 2019 (b) 2016 (c) 2015 (d) 2018

Q.39. Articles 14 to 18 of the Indian Constitution mention provisions related to which of the following rights?
(a) Right to Freedom of Religion
(b) Right to Equality
(c) Right against Exploitation
(d) Right to Freedom

Q.40. Which of the following is the last five year plan of India?
(a) Eleventh (b) Ninth
(c) Twelfth (d) Tenth

Quantitative Aptitude

Q.41. If two successive discounts of 50 percent and 10 percent are given, then what will be the ratio of marked price to selling price?
(a) $\frac{9}{20}$ (b) $\frac{11}{20}$ (c) $\frac{20}{11}$ (d) $\frac{20}{9}$

Q.42. After giving a discount of 45 percent a cycle is sold for Rs. 5060. What is the marked price of the cycle?
(a) Rs. 8000 (b) Rs. 9200
(c) Rs. 9600 (d) Rs. 8500

Q.43. What is the value of $1615 \div 17 + 22 \times 18 \div 9$?
(a) 149 (b) 147 (c) 139 (d) 141

Q.44. Ramesh goes to his office by scooter at the speed of 45 km/hr and reaches 10 minutes earlier. If he goes at the speed 30 km/hr, then he reaches 10 minutes late. What will be the speed of the scooter to reach on the usual time?
(a) 20 km/hr (b) 30 km/hr
(c) 45 km/hr (d) 36 km/hr

Q.45. 0.025 is what percentage of 0.5 ?
(a) 8 percent (b) 7 percent
(c) 5 percent (d) 10 percent

Q.46. The average of d, e, f and g is 40. If the average of d and e is 14, then what will be the average of f and g ?
(a) 66 (b) 67 (c) 69 (d) 72

Q.47. Which of the following number is not divisible by 24 ?
(a) 4032 (b) 4128 (c) 4080 (d) 4148

Q.48. The ratio of copper and zinc in brass is 17 : 13. How much amount of copper will be there in 240 kg of brass ?
(a) 136 kg (b) 102 kg
(c) 163 kg (d) 119 kg

Q.49. The sum of three numbers x, y and z is 100. The average of x and y is 40 and the average of y and z is 50. What is the value of y ?
(a) 90 (b) 75 (c) 80 (d) 60

Q.50. A can finish a piece of work in $\frac{27}{2}$ days and B can do the same work in half the time taken by A. By working together, what part of the same work they can finish in a day ?
(a) $\frac{2}{9}$ (b) $\frac{2}{7}$ (c) $\frac{3}{5}$ (d) $\frac{2}{5}$

Q.51. Sarah invested $5000 at a simple interest rate of 10% per annum. Find the amount she will receive at the end of three years.

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(a) $6300 (b) $6800 (c) $6200 (d) $6500

Q.52. Find the area of the triangle whose perimeter is 110 cm and whose sides are in a ratio of 2 : 4 : 5.
(a) 25√231 cm² (b) 24√231 cm²
(c) 25√222 cm² (d) 24√222.cm²

Q.53. While selling a shirt for Rs. 1200, a person suffered a loss of 25 percent. At what price he should have sold the shirt to earn a profit of 35 percent?
(a) Rs. 2200 (b) Rs. 2340
(c) Rs. 2160 (d) Rs. 2240

Q.54. What is the value of 428 + 108 ÷ 4 - 32 × 3 ?
(a) 359 (b) 351 (c) 345 (d) 342

Q.55. Population of a town increases at the rate of 35 percent per annum. If the population of town will be 91125 after 2 years, then what is the present population of the town?
(a) 57000 (b) 50000
(c) 55000 (d) 51000

Q.56. Which of the following number is not divisible by 36 ?
(a) 3816 (b) 3400 (c) 3636 (d) 3708

Q.57. If the cost of 8 apples and 9 mangoes is same as the cost of 10 apples and 6 mangoes, then what is the ratio of the price of a mango and the price of an apple?
(a) 2 : 3 (b) 3 : 2 (c) 1 : 2 (d) 2 : 5

Q.58. Sunil and Pradeep can complete a work in 5 days and 15 days, respectively. They both work for one day and then Sunil leaves. In how many days is the remaining work completed by Pradeep?
(a) 12 days (b) 11 days
(c) 9 days (d) 7 days

Q.59. If the price of honey increases by 15%, by what percentage a housewife should reduce the consumption of honey so that expense is not increased?
(a) 15% (b) 13% (c) 9% (d) 11%

Q.60. An article is sold for Rs. 5000 at a loss of 25 percent. What is the cost price of the article?
(a) Rs. 6666.66 (b) Rs. 6000
(c) Rs. 6500 (d) Rs. 7500.

English

Q.61. Choose the most appropriate antonym of the underlined word.
The good death means accepting death as **inevitable**, and not fighting it when the time comes.
(a) Imminent (b) Assured
(c) Avoidable (d) Fixed

Q.62. Find the part of given sentence that has an error in it. If there is no error, choose 'No error'.
Conspiracy theories thrives on distrust of the government.
(a) the government.
(b) Conspiracy theories thrives
(c) No error
(d) on distrust of

Q.63. Choose the word that is opposite in meaning to the given word.
Arrogant
(a) Uppity (b) Assemble
(c) modest (d) Unreserved

Q.64. Select the most appropriate antonym of the given word.
Intermediate
(a) Transitional (b) Poignant
(c) Average (d) Abnormal

Q.65. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
The police have been **investigating** his accounts looking for evidence of fraud.
(a) Through thick and thin
(b) In the dark
(c) Digging around
(d) Hitting the hay

Q.66. Improve the underlined part of the sentence. Choose "No improvement as an answer if the sentence is grammatically correct.
Make your decision based on facts.
(a) No improvement (b) baser on
(c) base on (d) based at

Q.67. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
The deer eat all the lettuce in the garden.
(a) ate all (b) had eat all
(c) eaten all (d) No improvement

Q.68. Select the sentence with no spelling errors.
(a) And so, we compiled this list through conversations with collegues and social media crowdsourcing.
(b) And so, we compiled this list through conversations with colleagues and social media crowdsourcing.
(c) And so, we compiled this list through conversations with colleagues and social medea crowdsourcing.
(d) And so, we compiled this list through convursations with colleagues and social media crowdsourcing.

Q.69. Select the incorrectly spelt word from the given sentence.
Ricords of temperature, rainfall and critics' ratings were used as yardsticks by the researchers.
(a) temperature (b) yardsticks
(c) ricords (d) researchers

Q.70. Select the most appropriate word to fill in the blank.
The captured party consisted _____two women and a man.
(a) off (b) for (c) of (d) with

Q.71. Choose the word that means the same as the given word.
Grit
(a) Nerveless (b) Pulse
(c) Unnerved (d) Courage

Q.72. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/ Phrase,
Run of the mill
(a) Antagonist (b) Caretaker
(c) Leader (d) Ordinary

Q.73. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Divya needs to meet her mother so bad that she is calling her.
(a) Divya needs to meet her
(b) mother so bad that
(c) No error
(d) she is calling her.

Q.74. Identify the segment that contains a grammatical error. If there is no error, select No error
He then set out on his journey,/ and rides on and on till he reached a jungle/where he found some water and shady trees.
(a) He then set out on his journey,
(b) where he found some water and shady trees.
(c) and rides on and on till he reached a jungle
(d) No error

Q.75. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required if the sentence is correct as given.
I got round into the High-street again, (a tiny after that pitfall), and felt myself in comparative security.
(a) a little beyond those pitfall
(b) some more besides the pitfall
(c) a little beyond that pitfall
(d) No correction required

Cloze Test :

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Direction :- [Q.76. to Q.80.]
Mechanical Engineering is one of the most perennial (76) _____ of engineering which has always been the choice of innovative minds since its inception. Mechanical engineering deals with the (77) _____of machines, thermodynamics, fluids, mechanics, and structural serutiny. Applications of Mechanical Engineering are omnipresent and inseparable (78) _____society. Even in today's digital world, this stream has its charm and (79) _____, the theories of Mechanical Engineering are used in scheming some of the best and most (80) _____state-of-the-art motor vehicles, developed units. airplanes as well as other industrial machinery.

Q.76. (a) sectors (b) sphere
(c) branches (d) aera

Q.77. (a) nations (b) clues
(c) views (d) sets

Q.78. (a) off (b) from (c) by (d) of

Q.79. (a) attention (b) clemency
(c) fascination (d) tension

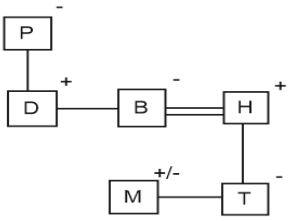
Q.80. (a) proficient (b) slight
(c) morbid (d) bleak

Answer Key :-

1.(c)	2.(d)	3.(b)	4.(d)
5.(c)	6.(d)	7.(b)	8.(b)
9.(a)	10.(d)	11.(d)	12.(b)
13.(b)	14.(b)	15.(d)	16.(a)
17.(a)	18.(b)	19.(a)	20.(d)
21.(b)	22.(b)	23.(d)	24.(c)
25.(c)	26.(a)	27.(d)	28.(a)
29.(b)	30.(a)	31.(a)	32.(a)
33.(d)	34.(c)	35.(a)	36.(c)
37.(d)	38.(a)	39.(b)	40.(c)
41.(d)	42.(b)	43.(c)	44.(d)
45.(c)	46.(a)	47.(d)	48.(a)
49.(c)	50.(a)	51.(d)	52.(a)
53.(c)	54.(a)	55.(b)	56.(b)
57.(a)	58.(b)	59.(b)	60.(a)
61.(c)	62.(b)	63.(c)	64.(d)
65.(c)	66.(a)	67.(a)	68.(b)
69.(c)	70.(c)	71.(d)	72.(d)
73.(b)	74.(c)	75.(c)	76.(c)
77.(a)	78.(b)	79.(c)	80.(a)

Solutions :-

Sol.1.(c)



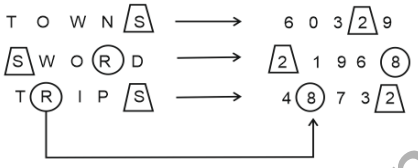
D is the brother of H's wife.

Sol.2.(d)



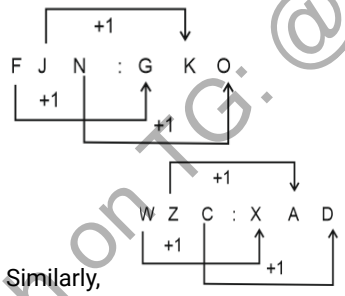
Sol.3.(b) eeefff**g**gghhh / eeefffggg**h**hh/ eeefff**g**gghh**h**

Sol.4.(d)



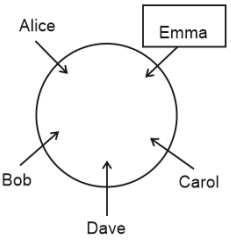
As we can see, the code of R is 8.

Sol.5.(c)

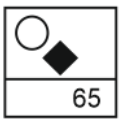


Similarly,

Sol.6.(d)

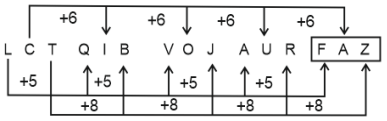


Sol.7.(b)

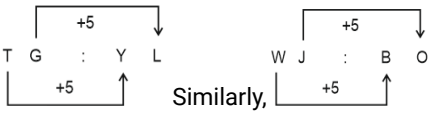


Sol.8.(b)
Given : 20 + 2 ÷ 4 - 8 × 28 = 30
After going through all the options, option(b) satisfies. After interchanging × and +, we get
⇒ 20 × 2 ÷ 4 - 8 + 28 = 30
$\Rightarrow 20 \times \frac{1}{2} - 8 + 28 = 30$
⇒ 2 + 28 = 30 ⇒ 30 = 30 ⇒ L.H.S. = R.H.S.

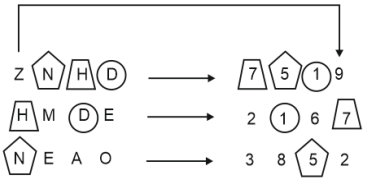
Sol.9.(a)



Sol.10.(d)

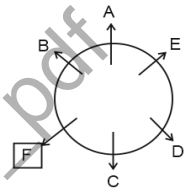


Sol.11.(d)



As we can see, the code of Z is 9.

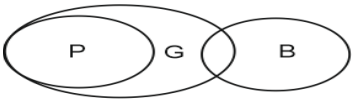
Sol.12.(b)



Sol.13.(b) From dice 1 and 2, the opposite faces are:
8 ↔ 7, 6 ↔ 2

Sol.14.(b) The correct order is;
Noble (3) → Noise (2) → Noisy (4) → Nosey (5) → Notch (1).

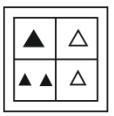
Sol.15.(d)



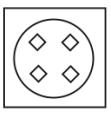
Only conclusion III follows.

Sol.16.(a) Logic : Interchange A, B and C with ×, ×, - respectively.
10 A 5 B 6 C 30 = 270
⇒ 10 × 5 × 6 - 30 = 270 ⇒ 300 - 30 = 270
4 A 6 B 7 C 8 = 160
⇒ 4 × 6 × 7 - 8 = 160 ⇒ 168 - 8 = 160
Similarly, 8 A 5 B 6 C 10
⇒ 8 × 5 × 6 - 10 = 240 - 10 = 230

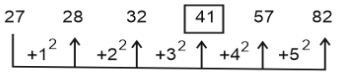
Sol.17.(a)



Sol.18.(b)

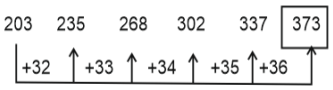


Sol.19.(a)



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Sol.20.(d)



Sol.21.(b) 1991. New Economic Policy of India was launched in the year 1991 under the leadership of Prime minister P. V. Narasimha Rao. The government reduced the import duties, opened a reserved sector for the private players, devalued the Indian currency to increase exports. This is also known as the Liberalisation, Privatisation and Globalisation (LPG) Model of growth.

Sol.22.(b) 943. The lowest sex ratio in India is in Haryana, where it is only 879, while the largest sex ratio in India is in Kerala, where it is 1084. State/UT-wise details of sex ratio (according to Census 2011): Tamil Nadu (996), Andhra Pradesh (993), Madhya Pradesh (931), Rajasthan (928), Delhi (868), Puducherry (1037), and Bihar (918).

Sol.23.(d) Chhau. This dance comes from Purulia district in West Bengal. It's a lively dance-drama based on stories from The Ramayana and The Mahabharata. Other folk dances of West Bengal include Baul, Santhali Dance, Gambhira, Gajan, and Rajbanshi Dance.

Sol.24.(c) Volleyball. It is a net game that involves two teams of 12 players (six playing and six substitutes). The net is 2.43 mt high for men and 2.24 mt high for women. Indoor Games - Badminton, Chess, and Carom. Outdoor Games - Cricket, Golf and Hockey.

Sol.25.(c) Jaya Verma Sinha : Her previous work experience includes a four - year tenure as Railway Advisor in the Indian High Commission in Dhaka, Bangladesh.

Sol.26.(a) one - third. Under Article 171 of the Constitution, the Legislative Council of a state shall not have more than one-third of the total strength of the State Assembly, and not less than 40 members. Six States having a Legislative Council: Andhra Pradesh, Telangana, Uttar Pradesh, Bihar, Maharashtra, and Karnataka.

Sol.27.(d) Thalappil Pradeep. He is a pioneer in nanotechnology applications for clear water. Eni Awards (2023) are given in three categories: Energy Transition, Energy Frontiers, and Advanced Environmental Solutions. Yu Huang and Jeffrey R. Long won the Energy Transition award. Matthew Rosseinsky received the Energy Frontiers award. Prof. Pradeep was honored for Advanced Environmental Solutions.

Sol.28.(a) Adam Smith, a Scottish Enlightenment theorist, created the notion of the "invisible hand". He promoted the principle of non-interference, which is also known as laissez-faire economics. His works include - "The Theory of Moral Sentiments", and "The Wealth of Nations".

Sol.29.(b) Literacy. Census - It is an official enumeration of population done periodically. In India, the first census was held in the year 1872. The first complete census, however, was taken in the year 1881. Since then, the census has been held regularly every tenth year. Economy - It refers to the system of production, distribution, and consumption of goods and services. Politics - It involves the governance and policy-making processes of a country.

Sol.30.(a) marketed surplus. With respect to Agriculture : Produced surplus refers to the agricultural produce exceeding the farmer's own consumption and non-market needs, including both the marketed surplus and retained amounts for various purposes. Marketed deficit - When the amount of agricultural produce sold by farmers in the market is less than the total market demand. Produced deficit - When the total agricultural production is less than the farmer's own consumption and other non-market requirements.

Sol.31.(a) Backstroke. Streamline - This refers to the body position in swimming where the swimmer's body is fully extended and aligned to minimize drag in the water. Butterfly stroke involves a wave-like motion with both arms moving simultaneously above the water. Freestyle - This is a swimming stroke where the swimmer can use any stroke they choose, with the most common being the front crawl.

Sol.32.(a) Only II. Sports and their associated players : Cricket - Pooja Vastrakar, Smriti Mandhana, Shafali Verma and Sanju Samson; Archery - Deepika Kumari, Tarundeep Rai and Bhajan Kaur; Shooting - Manu Bhaker and Abhinav Bindra; Javelin - Neeraj Chopra and Arshad Nadeem.

Sol.33.(d) Bharatnatyam. Indian classical dances and their renowned exponents: Bharatanatyam - Yamini Krishnamurthy, Mallika Sarabhai and Padma Subrahmanyam; Odissi - Kelucharan Mohapatra and Sanjukta Panigrahi; Kathak - Birju Maharaj and Sitara Devi; Kathakali - Kalamandalam Krishna Prasad and Kalanilayam Balakrishnan.

Sol.34.(c) 24th. Vardhamana Mahavira was born in Kundagrama near Vaishali. He delivered his first sermon at Pava. Jain Councils : First Jain Council - Held at Patliputra and was presided by Sthulbhadra. Second Jain Council - Held at Vallabhi and was presided by Devardhi Kshmasramana. The first Tirthankara was Rishabnatha.

Sol.35.(a) Zakir Hussain. His awards : Padma Vibhushan (2023), Padma Bhushan (2002), Padma Shri (1988). Other Tabla Players - Alla Rakha, Pandit Anindo Chatterjee and Pandit Kishan Maharaj.

Sol.36.(c) 5 - Air, Earth, Fire, Sky and Water. These five elements are believed to be the fundamental building blocks of the universe.

Sol.37.(d) Salt tax. The Dandi March, also known as the Salt March, was a nonviolent protest led by Mahatma Gandhi from 12th March to 6th April 1930. It was a direct action campaign of tax resistance and nonviolent protest against the British salt monopoly.

Sol.38.(a) 2019. Aim: To protect depositors and prohibit unregulated deposit schemes in India. Ministry: Ministry of Finance.

Sol.39.(b) Right to Equality. The Constitution of India guarantees six fundamental rights to its citizens in Part III: Right to Equality (Articles 14-18); Right to Freedom (Articles 19-22); Right against Exploitation (Articles 23-24); Right to Freedom of Religion (Articles 25-28); Cultural and Educational Rights (Articles 29-30); and Right to Constitutional Remedies (Article 32).

Sol.40.(c) Twelfth Five Year Plan (2012-17). It focused on achieving "Faster, More Inclusive, and Sustainable Growth." Ninth Plan (1997-2002) - Target Growth: 6.5% and Actual Growth: 5.4%. Tenth Plan (2002 - 2007) - Target Growth: 8% and Actual Growth: 7.6 %. Eleventh Plan (2007 - 2012) - Target Growth: 9% and Actual Growth: 8%.

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Sol.41.(d)
Let the marked price be x units.

SP = $x \times \frac{1}{2} \times \frac{9}{10}$

Required ratio = $x : x \times \frac{1}{2} \times \frac{9}{10}$

= 20 : 9

Sol.42.(b) According to question,

Marked price = $5060 \times \frac{100}{(100-45)}$

= Rs. 9200

Sol.43.(c) ⇒ 1615 ÷ 17 + 22 × 18 ÷ 9
⇒ 95 + 22 × 2 ⇒ 95 + 44 = 139

Sol.44.(d) Let the usual time be t.
Distance = speed × time

10 min = $\frac{1}{6}$ hr

According to question,

$45(t - \frac{1}{6}) = 30(t + \frac{1}{6})$

$3(\frac{6t-1}{6}) = 2(\frac{6t+1}{6})$

$(\frac{6t-1}{2}) = (\frac{6t+1}{3})$

18t - 3 = 12t + 2 ⇒ t = $\frac{5}{6}$

Distance = $30(\frac{5}{6} + \frac{1}{6})$ = 30 km.

Therefore, required speed = $\frac{30 \times 6}{5}$

= 36 km/hr.

Short tricks : -

Distance = $\frac{s_1 \times s_2}{s_1 \sim s_2}$ × difference of time

Distance = $\frac{45 \times 30}{45-30} \times \frac{(10+10)}{60}$ = 30 km

Total Time taken by Ramesh when he was 10 min. Early = $\frac{30}{45}$ = 40 min.

Correct time to reach office = 40 + 10 = 50 min.

Speed = $\frac{30}{50}$ × 60 = 36 km/h

Sol.45.(c) According to question,

Required % = $\frac{0.025 \times 100}{0.5}$ = 5%

Sol.46.(a) According to question,

Required Average = $\frac{(40 \times 4) - (14 \times 2)}{2}$

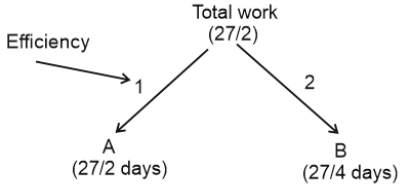
= $\frac{132}{2}$ = 66

Sol.47.(d) 24 = 8 × 3
Divisibility rule of 8 = when last 3 digits divisible by 8
Divisibility rule of 3 = when sum of digits is divisible by 3
After checking option one by one option (d) is not satisfied
4148 = (4 + 1 + 4 + 8) = 17 [not divisible by 3]

Sol.48.(a) Let the amount of copper and zinc ne 17a and 13a respectively.
According to question,
17a + 13a = 240 ⇒ a = 8
Therefore, required quantity (17a)
= 17 × 8 = 136 kg.

Sol.49.(c) According to question,
Required value of y
= (40 × 2) + (50 × 2) - 100 = 80

Sol.50.(a) According to question,



Total efficiency of A and B = 1 + 2
= 3 units.
A and B's one day work = 3 × 1 = 3 units

Required part of work = $\frac{3}{\frac{27}{2}} = \frac{2}{9}$

Sol.51.(d) SI = $\frac{p \times r \times t}{100}$
Amount = SI + Principal
According to question,
SI = $\frac{5000 \times 10 \times 3}{100}$ = $1500
Therefore, Required amount
= $5000 + $1500 = $6500.

Sol.52.(a) Let the side of the triangle be 2a, 4a and 5a.
According to question,
2a + 4a + 5a = 110 ⇒ 11a = 110 ⇒ a = 10.
Then, the sides will be 20cm, 40cm and 50cm.

Semi perimeter (s) = $\frac{110}{2}$ = 55

Area of triangle
= $\sqrt{s \times (s-a) \times (s-b) \times (s-c)}$
= $\sqrt{55 \times (55-20) \times (55-40) \times (55-50)}$
= $\sqrt{55 \times 35 \times 15 \times 5}$ = $25\sqrt{231}$ cm².

Sol.53.(c) According to question,

Marked price of shirt = 1200 × $\frac{100}{75}$

= Rs.1600
Then, required selling price
= 1600 × $\frac{135}{100}$ = Rs. 2160

Sol.54.(a) ⇒ 428 + 108 ÷ 4 - 32 × 3
⇒ 428 + 27 - 96 ⇒ 359

Sol.55.(b) According to question,

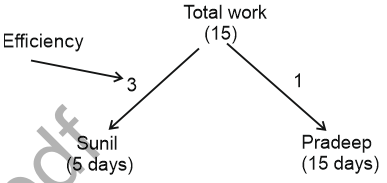
Effective % = 35 + 35 + $\frac{35 \times 35}{100}$

= 82.25 %
Therefore, present population of the town
= 91125 × $\frac{100}{182.25}$ = 50000.

Sol.56.(b) 36 = 9 × 4
Divisibility rule of 9 = sum of digits is divisible by 9
Divisibility rule of 4 = last two digits is divisible by 4
After checking options one by one option (b) is not satisfied the condition.
3400 = 3 + 4 = 7 (not divisible by 9)

Sol.57.(a)
Let the price of each apple and mango be a and m respectively.
According to question,
8a + 9m = 10a + 6m
3m = 2a ⇒ m : a = 2 : 3.

Sol.58.(b)



According to question,
Efficiency of Sunil and Pradeep = 3 + 1
= 4 units
Work done by both in a day = 4 × 1
= 4 units
Remaining work = 15 - 4 = 11 units.

Required time = $\frac{11}{1}$ = 11 days.

Sol.59.(b) When expenses are constant then, consumption is inversely proportional to price.
According to question,
Price - 20 : 23
consumption - 23 : 20

Require % = $\frac{23-20}{23} \times 100$ = 13.04%

≈ 13%.

Sol.60.(a) According to question,

Cost price of the article = 5000 × $\frac{100}{75}$

= 6666.66 Rs.

Sol.61.(c) **Avoidable-** that can be prevented.
Inevitable- that cannot be avoided or prevented from happening.
Imminent- likely to happen very soon.
Assured- certain to be achieved or obtained.
Fixed- predetermined and not able to be changed.

Sol.62.(b) Conspiracy theories thrives
'Conspiracy theories' is a plural subject that will take the plural verb 'thrive'. Hence, 'Conspiracy theories thrive' is the most appropriate answer.

Sol.63.(c) **Modest-** not proud or boastful about one's abilities or achievements.
Arrogant- having an exaggerated sense

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of one's own importance or abilities.
Uppity- behaving as if you are more important than you really are.
Assemble- to gather or bring together in a group or place.
Unreserved- without hesitation or restraint.

Sol.64.(d) Abnormal- deviating from the normal or average.
Intermediate- having an average level of knowledge or skill.
Transitional- relating to a process of change from one system, method, etc. to another.
Poignant- causing sadness or pity.

Sol.65.(c) Digging around- investigating.

Sol.66.(a) No improvement
The given sentence is grammatically correct.

Sol.67.(a) ate all
'Eat' must be replaced with the past form 'ate' to indicate simple past tense. Hence, 'ate all' is the most appropriate answer.

Sol.68.(b) And so, we compiled this list through conversations with colleagues and social media crowdsourcing.
'Conversations', 'colleagues' and 'media' are the correct spellings.

Sol.69.(c) ricords
'Records' is the correct spelling.

Sol.70.(c) of
'of' is a fixed preposition used after the verb 'consist'. Hence, 'of' is the most appropriate answer.

Sol.71.(d) Courage- the ability to control your fear in a dangerous or difficult situation.
Grit- mental toughness and courage.
Nerveless- lacking strength or courage.
Pulse- a regular rhythm made by blood being moved through your body by your heart.
Unnerved- deprived of courage, strength or steadiness.

Sol.72.(d) Run of the mill- ordinary.
E.g.- The movie was just a run of the mill, nothing special.

Sol.73.(b) mother so bad that
The given sentence needs an adverb (badly) to modify the verb 'needs' and not an adjective (bad). Hence, 'mother so badly that' is the most appropriate answer.

Sol.74.(c) and rides on and on till he reached a jungle
The given sentence is in the past tense, so it must have the verbs in the past form. Therefore, 'rides' will be replaced with the past form 'rode'. Hence, 'and rode on and on till he reached a jungle'.

Sol.75.(c) a little beyond that pitfall
'Tiny' is used for the small size of an object whereas 'little' can be used for small size, small amount of time, short distance, etc. In this sentence, 'a little' has been used to indicate short distance from the pitfall. Hence, 'a little beyond' is the most appropriate answer.

Sol.76.(c) branches
The term 'branch' is used for the sub-categories of fields of study such as medicine and engineering. Similarly, mechanical engineering is a sub-category of engineering. Hence, 'branches' is the most appropriate answer.

Sol.77.(a) notions
'Notion' means concept or idea about something. The given passage states that mechanical engineering deals with the notions of machines, thermodynamics, fluids, mechanics, and structural scrutiny. Hence, 'notions' is the most appropriate answer.

Sol.78.(b) from
'From' is a fixed preposition used after the word 'inseparable'. Hence, 'from' is the most appropriate answer.

Sol.79.(c) fascination
'Fascination' means a very strong attraction that makes something very interesting. The given passage states that even in today's digital world, this stream has its charm and fascination. Hence, 'fascination' is the most appropriate answer.

Sol.80.(a) proficient
'Proficient' means able to do something to a higher than average standard. The given passage states that the theories of Mechanical Engineering are used in scheming some of the best and most proficient state-of-the-art motor vehicles, developed units, airplanes as well as other industrial machinery. Hence, 'proficient' is the most appropriate answer.

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SSC GD Constable
29/02/2024 (1st Shift)

Reasoning

Q.1. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
wwxxyyzzwwx_yyzzww_xyyzz_wxxyy_z
(a) yyxz (b) xxwz (c) zxyw (d) wxyx

Q.2. In the following question, select the related letters from the given alternatives.
BD : WY : : FH : ?
(a) WA (b) AC (c) ZB (d) VX

Q.3. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
HMP, JOR, LQT, NSV, ?
(a) PWY (b) PXV (c) PUX (d) WPX

Q.4. A paper is folded and cut as shown below. How will it appear when unfolded?



(a)  (b) 
(c)  (d) 

Q.5. By Interchanging the given two numbers which of the following equation will be not correct ?
1 and 9
(a) 9 × 2 - 1 + 8 = 1 (b) 9 × 2 + 1 - 4 = 7
(c) 9 - 1 + 7 = - 3 (d) 1 + 9 × 3 - 4 = 8

Q.6. In a certain code language, 'QUITE' is coded as '216', 'PROVE' is coded as '228'. What is the code for 'EXIST' in that code language ?
(a) 258 (b) 252 (c) 231 (d) 256

Q.7. In the following question, select the missing number from the given series.
1095, 1072, 1049, 1026, 1003, ?
(a) 970 (b) 980 (c) 995 (d) 990

Q.8. Eight boys A, B, C, D, E, F, G and H are sitting around a circular table facing opposite to the centre (not necessarily in the same order). H is to the immediate right of A. H is not the immediate neighbour of either E or D. F is to the immediate left of B. G is the immediate neighbour of E. C is an immediate neighbour of both E and F. Who is sitting on the immediate right of C ?
(a) F (b) E (c) G (d) H

Q.9. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
SUN TEMPLE : GUJARAT : : GOL GUMBAZ : KARNATAKA : : AJANTA CAVES : ?
(a) MAHARASHTRA (b) BIHAR
(c) TELANGANA (d) TAMILNADU

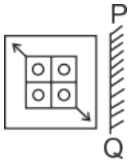
Q.10. If 37 D 18 E 84 F 21 = 51 and 57 D 28 E 90 F 15 = 79, then 14 D 17 E 8 F 4 = ?
(a) 15 (b) 24 (c) 29 (d) 31

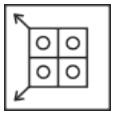
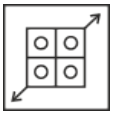
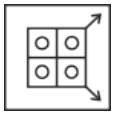
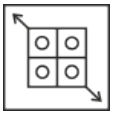
Q.11. P is the mother of Q . Q is the sister of R. R is the brother of S is the husband of T. T is the sister of U. U is the wife of V. How many female members are in family?
(a) 4 (b) 1 (c) 3 (d) 2

Q.12. In the following question, select the missing number from the given series.
68, 69, 77, 104, 168, ?
(a) 280 (b) 300 (c) 293 (d) 308

Q.13. Arrange the given words in alphabetical order:
1. MYSTERY 2. MYSTICAL
3. MYTHOLOGY 4. MYSTERIOUS
5. MYTHICAL
(a) 4, 1, 2, 5, 3 (b) 4, 2, 5, 3, 1
(c) 4, 1, 5, 3, 2 (d) 4, 1, 2, 3, 5

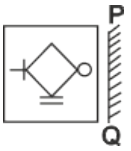
Q.14. Select the correct mirror image of the given figure when the mirror PQ is placed to the right side of the figure.

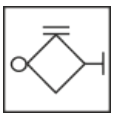
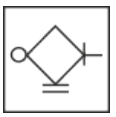
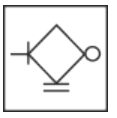
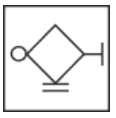


(a)  (b) 
(c)  (d) 

Q.15. In a certain code language, 'AHEM' is coded as 'XDBI' . What is the code for 'BETS' in that code language ?
(a) YAPO (b) YBQP (c) YBQO (d) YAQO

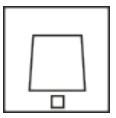
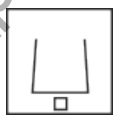
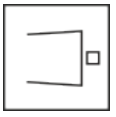
Q.16. Select the correct mirror image of the given figure when the mirror PQ is placed to the right side of the figure.



(a)  (b) 
(c)  (d) 

Q.17. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

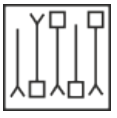
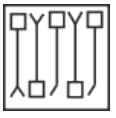
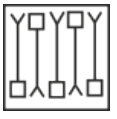
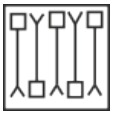


(a)  (b) 
(c)  (d) 

Q.18. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I: No bridge is a mountain.
Statement II: Some mountains are monuments.
Statement III: All monuments are harbours.
Conclusion I: Some harbours are mountains.
Conclusion II: No bridge is a monument.
(a) Neither conclusion I nor II follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Only conclusion I follows

Q.19. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

Q.20. Seven friends M, N, O, P, Q, R and S

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are sitting around a circular table facing towards the center. S and O are not sitting next to each other. R sits to the immediate left of M. M sits second to the left of S. Q is sitting between N and O. N is a neighbor of S. Who is sitting to the immediate left of N ?
(a) M (b) S (c) Q (d) O

General Awareness

Q.21. Which sport term is not associated with Cricket ?
(a) Follow Through (b) Hattrick
(c) Sprint (d) Crese

Q.22. The state of_____has launched 'Chavath e Bazaar' initiative in the month of September 2023.
(a) Bihar (b) Jharkhand
(c) Madhya Pradesh (d) Goa

Q.23. Writ petition can be filed in the Supreme Court of India under:
(a) Article 40 (b) Article 32
(c) Article 270 (d) Article 226

Q.24. Which of the following is NOT one of the eight core industries in India ?
I. Coal II. Crude Oil
(a) Only II (b) Both I and II
(c) Only I (d) Neither I nor II

Q.25. Article 19(1) (b) of the Indian Constitution is related to which of the following ?
(a) Freedom of speech and expression
(b) To assemble peaceably and without arms
(c) To form associations or unions
(d) To move freely throughout the territory of India

Q.26. What is the term for the policy of replacing or substituting imports with domestic production ?
(a) Import liberalization
(b) Import substitution
(c) International trade
(d) Export-led growth

Q.27. Renowned for her Odissi dancing style,_____is an eminent Indian Classical dancer. She founded the Centre for Indian Classical Dances in New Delhi and was honoured with the Padma Bhushan in 1992.
(a) Mallika Sarabhai
(b) Sonal Mansingh
(c) Hema Malini
(d) Rukmini Devi Arundale

Q.28. Which sport is played by the Indian sportsperson Navjot Kaur ?
(a) Badminton (b) Lawn Tennis
(c) Table Tennis (d) Hockey

Q.29. In which year, Alexander invaded India ?
(a) 400 BC (b) 126 BC
(c) 326 BC (d) 550 BC

Q.30. The Ashtapadis of jayadeva's Geeta Govinda are sung and danced in which of the following dance form ?
(a) Yakshagana (b) Bharat natyam
(c) Kathak (d) Manipuri

Q.31. The Federation of the Indian Chamber of Commerce and Industries (FICCI) was formed in _____.
(a) 1927 (b) 1923 (c) 1920 (d) 1917

Q.32. Transportation and storage falls under which sector of economic activity?
(a) Primary sector (b) Service sector
(c) Secondary sector (d) Tertiary Sector

Q.33. Which former Prime Minister of India has been conferred Lifetime Achievement Honour in UK ?
(a) Atal Bihari Vajpayee
(b) Inder Kumar Gujral
(c) Dr. Manmohan Singh
(d) Haradanahalli Doddegowda Deve Gowda

Q.34. The Ossuary feast festival is celebrated in which of the following states/UTs ?
(a) Maharashtra
(b) Karnataka
(c) Madhya Pradesh
(d) Andaman and Nicobar Islands

Q.35. Who of the following was receiver of Bharat Ratna award ?
I. Lata Mangeshkar
II. Bhupen Hazarika
(a) Neither I nor II (b) Only I
(c) Only II (d) Both I and II

Q.36. In chess, what is a "stalemate" ?
(a) A player's king has no legal moves, resulting in a draw
(b) The very first move of the chess game
(c) A position when player's king is in check
(d) A winning position for one player

Q.37. Who has been recently appointed as the Vice Chief of the Indian Air Force in January 2023 ?
(a) Harjit Singh Arora
(b) Sandeep Singh
(c) Anil Khosla
(d) Amar Preet Singh

Q.38. According to Census 2011, which of the following North-Eastern states have the highest literacy rate ?
(a) Nagaland (b) Mizoram
(c) Assam (d) Manipur

Q.39. Non-metals are electronegative. They tend to form bonds by___electrons.
(a) substituting (b) gaining
(c) subtracting two (d) losing

Q.40. Which among the following country is not a neighbouring country of India ?
(a) Myanmar (b) Nepal
(c) Bhutan (d) Japan

Quantitative Aptitude

Q.41. Which of the following statements(s) is/are correct ?
I. The average of 24 numbers is 22. If the average of first 9 numbers is 18, then average of remaining numbers will be 24.4.
II. Average of 149, 223, 520, 287 and 251 is 286.
(a) Only II (b) Neither I nor II
(c) Both I and II (d) Only I

Q.42. What is the value of
$144 \times 2 + 130 \times 5 - 10 \times 2$?
(a) 814 (b) 1015 (c) 918 (d) 1206

Q.43. What should be added to 95 percent of 480 so that the obtained number becomes equal to 70 percent of 810 ?
(a) 113 (b) 111 (c) 117 (d) 108

Q.44. The average of 48 numbers is 78. If we subtract a number 'X' from each number, then the average becomes 57. What is the value of X ?
(a) 24 (b) 22 (c) 21 (d) 26

Q.45. The price of a mobile phone is increased by 15%, and the new price is Rs. 11,500. What was the original price ?
(a) Rs. 12,000 (b) Rs. 10,000
(c) Rs. 10,700 (d) Rs. 11,300

Q.46. A can complete $\frac{4}{5}$ part of a work in 10 days. B is 5 times as efficient as A. In how many days will B alone complete the same work ?
(a) 2.5 days (b) 2 days
(c) 1.5 days (d) 3 days

Q.47. Marked price of an article is Rs. 9900. If a discount of 25 percent is given, then what is the selling price of the article ?
(a) Rs. 7425 (b) Rs. 7555
(c) Rs. 7825 (d) Rs. 7215

Q.48. The perimeter of a rectangle is 22 cm and the length is 1 cm. What is the area of the rectangle ?

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(a) $11cm^2$ (b) $20cm^2$
(c) $10\ cm^2$ (d) $5\ cm^2$

Q.49. Find a single discount equivalent to two successive discounts of 25% and 10%.
(a) 31.9% (b) 35.5% (c) 32.5% (d) 38.4%

Q.50. B alone can complete half of a work in 150 days. In 30 days what percentage of the work will be completed by B ?
(a) 11 percent (b) 15 percent
(c) 10 percent (d) 12.5 percent

Q.51. If a : b = 7 : 4, then what is the value of (6a + b) : (6a - b) ?
(a) 17 : 13 (b) 25 : 19
(c) 33 : 28 (d) 23 : 19

Q.52. Ramesh starts from a place J and reaches the place K in 28 hours. He travels $\frac{2}{5}$ distance at the speed of 10 km/hr and the remaining distance at the speed of 20 km/hr. What is the distance between J and K ?
(a) 600 km (b) 480 km
(c) 320 km (d) 400 km

Q.53. Selling price of a table is Rs. 7686. If profit percentage is 22 percent, then what is the cost price of table ?
(a) Rs. 6400 (b) Rs. 6500
(c) Rs. 6000 (d) Rs. 6300

Q.54. The difference between the compound interest (compounding half yearly) for 1 year and the simple interest for 1 year on a certain sum lent out at the annual rate of 40 percent is Rs. 360. What is the sum ?
(a) Rs. 10000 (b) Rs. 9500
(c) Rs. 9000 (d) Rs. 12200

Q.55. The ratio of two numbers is 5 : 6. If their product is 1920, then what is the sum of both the numbers ?
(a) 77 (b) 99 (c) 84 (d) 88

Q.56. 24 - [8 - {6 - (10 - (8 + 5))}] what is the value of this ?
(a) 10 (b) 15 (c) 20 (d) 25

Q.57. A person sells pencil at a profit of 30 percent. If he reduces its selling price by Rs. 200, then he suffers a loss of 10 percent. What was the initial selling price of the pencil ?
(a) Rs. 550 (b) Rs. 650
(c) Rs. 600 (d) Rs. 700

Q.58. A principal of Rs. 50000 is invested at simple interest for 8 years. If the per annum rate of interest is 12 percent, then what will be the amount after 8 years ?
(a) Rs. 95000 (b) Rs. 85000
(c) Rs. 90000 (d) Rs. 98000

Q.59. What is the value of
$\frac{88}{3}$ of $\frac{63}{56} \div \frac{102}{33}$ of $\frac{11}{34}$?
(a) 3 (b) 11 (c) 33 (d) 44

Q.60. For what value of A, 2545A is divisible by 8 ?
(a) 5 (b) 4 (c) 2 (d) 6

English

Q.61. Select the most appropriate word to fill in the blank.
I feel I am____raw for this new position.
(a) most (b) two (c) too (d) to

Q.62. Improve the underlined part of the sentence. Choose 'No improvement as an answer if the sentence is grammatically correct.
We're visited our grandparents on the weekend.
(a) visit our (b) visits our
(c) visiting our (d) No improvement

Q.63. Fill in the blank with the correct synonym of the word "glib".
The speaker delivered an_____speech, captivating the audience with her articulate words and passionate delivery.
(a) effluent (b) eloquent
(c) effulgent (d) elaborate

Q.64. Select the most appropriate option for the given blank.
The neighbouring army has_____a war on us.
(a) declared (b) gave (c) voiced (d) said

Q.65. Select the incorrectly spelt word from the given sentence.
The aboriginal tribes of Australia are of a low-class black race, but generally pieceful and inoffensive in their habits.
(a) inoffensive (b) aboriginal
(c) pieceful (d) their

Q.66. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Finally, everything is **in public knowledge** and now people will decide the outcome.
(a) Break a leg
(b) Through thick and thin
(c) Bright spark
(d) Out in the open

Q.67. Choose the word that means the same as the given word.
Serve
(a) Attend (b) Carrousel
(c) Carrier (d) Abandon

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error.
Regardless of our circumstances, we all need to live a happiest life.
(a) we all need to
(b) No error
(c) live a happiest life.
(d) Regardless of our circumstances

Q.69. Fill in the blank with the most appropriate option.
He_____a bag of something into the boat, and then got in himself and sat down.
(a) flings (b) throw (c) throwed (d) flung

Q.70. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Either Sam or Ishita have invited her for the Christmas party.
(a) No error
(b) Either Sam or Ishita
(c) have invited her
(d) for the Christmas party.

Q.71. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Mange is caused by a types of parasitic mite.
(a) types of parasitically
(b) type of parasitic
(c) No improvement
(d) types of parasite

Q.72. Correct the underlined part of the sentence. Choose 'No correction' as an answer if the sentence is grammatically correct.
Her shoes been too small.
(a) are too (b) has too
(c) No correction (d) is too

Q.73. Select the sentence with no spelling errors.
(a) Borman was joined on the mission by two other astronauts.
(b) Borman was joinned on the mission by two other astronaots.
(c) Borman was joined on the mision by two other astronaots.
(d) Borman was joined on the missoin by two other astronaots.

Q.74. Choose the most appropriate antonym of the underlined word.
She inspired us with a courage, a power, and a confidence in her and in our cause, which nothing could shake or **daunt**.
(a) Scare (b) Baffle (c) Dismay (d) Cheer

Q.75. In the following question, out of the

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given four alternatives, select the alternative which best expresses the meaning of the Idiom /Phrase.
Lose by a neck
(a) Lose by a small margin
(b) To lose one's necklace
(c) To stop someone from putting forward his views
(d) To cut short a matter

Cloze Test :
Direction :- [Q.76. to Q.80.]
Healthy eating is a key component of a (76.complete), _____ lifestyle. It's essential to maintain a balanced diet that includes a variety of fruits and vegetables, lean proteins, and whole grains. Such a diet not only provides the necessary nutrients for (77. ideal) _____ growth and overall well-being but also reduces the risk of (78. chronic) _____ conditions such as heart disease and diabetes. In addition to a nutritious diet, regular physical activity is (79. essential) _____ for maintaining good health. Staying (80. healthy) _____and active can enhance both physical and mental well-being.

Q.76. (a) wholesome (b) monotonous
(c) sedentary (d) active

Q.77. (a) optimal (b) adequate
(c) special (d) robust

Q.78. (a) unmedical (b) indemnified
(c) infectious (d) lifestyle

Q.79. (a) ardours (b) colloquial
(c) vital (d) innocuous

Q.80. (a) fit (b) pertinent
(c) competent (d) shape

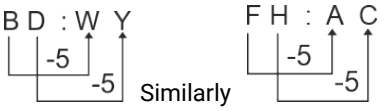
Answer Key :-

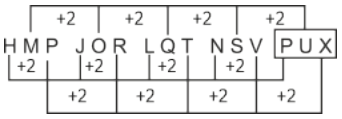
1.(b)	2.(b)	3.(c)	4.(a)
5.(c)	6.(c)	7.(b)	8.(a)
9.(a)	10.(c)	11.(a)	12.(c)
13.(a)	14.(b)	15.(d)	16.(b)
17.(c)	18.(d)	19.(d)	20.(b)
21.(c)	22.(d)	23.(b)	24.(d)
25.(b)	26.(b)	27.(b)	28.(d)
29.(c)	30.(d)	31.(a)	32.(d)
33.(c)	34.(d)	35.(d)	36.(a)
37.(d)	38.(b)	39.(b)	40.(d)
41.(c)	42.(c)	43.(b)	44.(c)
45.(b)	46.(a)	47.(a)	48.(c)
49.(c)	50.(c)	51.(d)	52.(d)
53.(d)	54.(c)	55.(d)	56.(d)

57.(b)	58.(d)	59.(c)	60.(d)
61.(c)	62.(c)	63.(b)	64.(a)
65.(c)	66.(d)	67.(a)	68.(c)
69.(d)	70.(c)	71.(b)	72.(a)
73.(a)	74.(d)	75.(a)	76.(a)
77.(a)	78.(c)	79.(c)	80.(a)

Solutions :-

Sol.1.(b) wwxxyyzz / wwx**x**yyzz / ww**x**xyyzz / **w**wxxyy**z**z

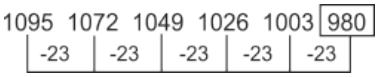
Sol.2.(b)


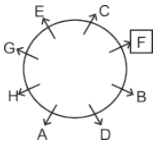
Sol.3.(c)


Sol.4.(a)


Sol.5.(c) On interchanging 1 and 9 in all the given options, option (c) is the only incorrect option.
⇒ 9 - 1 + 7 = - 3
⇒ 1 - 9 + 7 = - 3
⇒ -1≠ - 3 ⇒ LHS ≠ RHS

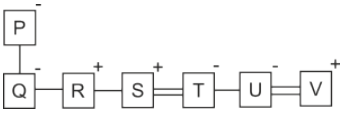
Sol.6.(c) Logic: sum of positional values of letters × 3 = given number
QUITE ⇒ (17 + 21 + 9 + 20 + 5) × 3
= 72 × 3 = 216
PROVE ⇒ (16 + 18 + 15 + 22 + 5) × 3
= 76 × 3 = 228
Similarly,
EXIST ⇒ (5 + 24 + 9 + 19 + 20) × 3
= 77 × 3 = 231

Sol.7.(b)


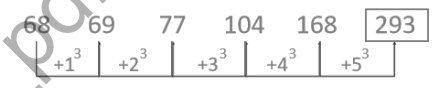
Sol.8.(a)


Sol.9.(a) Sun temple is situated in Gujarat, Gol Gumbaz is situated in Karnataka, similarly Ajanta Caves are situated in Maharashtra.

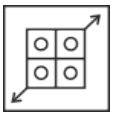
Sol.10.(c) Interchanging D, E and F as + , - , and ÷ respectively, we get:
37 D 18 E 84 F 21 = 51
⇒ 37 + 18 - 84 ÷ 21 = 51
37 + 18 - 4 = 51
LHS = RHS
57 D 28 E 90 F 15 = 79,
⇒ 57 + 28 - 90 ÷ 15 = 79
57 + 28 - 6 = 79
LHS = RHS
Similarly,
14 D 17 E 8 F 4
⇒ 14 + 17 - 8 ÷ 4
14 + 17 - 2 = 29

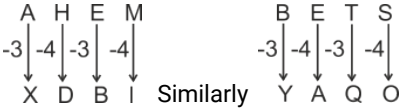
Sol.11.(a)


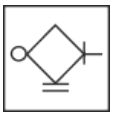
As we can see, there are 4 females in the family.

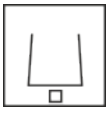
Sol.12.(c)


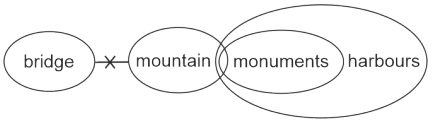
Sol.13.(a) The correct order is:
MYSTERIOUS(4)→MYSTERY(1)→ MYSTICAL(2)→MYTHICAL(5)→ MYTHOLOGY(3)

Sol.14.(b)


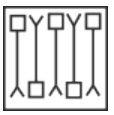
Sol.15.(d)


Sol.16.(b)


Sol.17.(c)


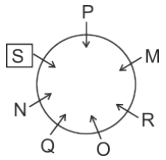
Sol.18.(d)


As we can see, only conclusion I follow.

Sol.19.(d)


Sol.20.(b)

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Sol.21.(c) Sprint. It is related to running events. The other terms—"Follow Through," "Hattrick," and "Crease"—are all associated with cricket.

Sol.22.(d) Goa. Chavat-e-Bazaar initiative provides local entrepreneurs and self-help groups an online platform to supply 25 local foods. It is a digital initiative, launched under the Swayampurna Goa Programme. By harnessing the potential of e-commerce, Chavath-e-Bazaar aims to provide a platform for local entrepreneurs to showcase their products to a wider audience.

Sol.23.(b) Article 32 (Right to Constitutional Remedies): It is a fundamental right, which states that individuals have the right to approach the Supreme Court (SC) seeking enforcement of other fundamental rights recognised by the Constitution. Other important Articles: Article 226 allows individuals to file writ petitions in the High Courts of India for the enforcement of fundamental rights and for other purposes. Article 40 relates to the organization of village panchayats. Article 270 deals with the distribution of taxes between the Union and the States.

Sol.24.(d) Neither I nor II. The eight core industries: Cement, Coal, Crude Oil, Electricity, Fertilizers, Natural Gas, Refinery Products and Steel. The Index of Eight Core Industries (ICI) is prepared every month and released by the Office of the Economic Adviser (OEA), Department for Promotion of Industry and Internal Trade (DPIIT), and Ministry of Commerce & Industry. It comprises 40.27 percent of the weight of items included in the Index of Industrial Production (IIP). The base year in the current series of ICI is 2011-12.

Sol.25.(b) To assemble peaceably and without arms. As per Article 19(1), All citizens shall have the right : (a) to freedom of speech and expression; (b) to assemble peaceably and without arms; (c) to form associations or unions; (d) to move freely throughout the territory of India; (e) to reside and settle in any part of the territory of India; and (g) to practise any profession, or to carry on any occupation, trade or business.

Sol.26.(b) Import substitution: A policy of the state for development of the economy in which import of goods is generally substituted by domestic production (through import controls, tariffs and other restrictions) with a view to encourage domestic industry on grounds of self-sufficiency and domestic employment. In the first seven plans, trade was characterised by an 'inward looking trade strategy'.

Sol.27.(b) Sonal Mansingh. Her awards: Sangeet natak academy award (1987), and Padma vibhushan (2003). Other exponents: Mallika Sarabhai (Bharatanatyam and Kuchipudi) - Sangeet Natak Akademi Award (1999 -2000). Hema Malini (Bharatanatyam) - Padma shri (2000). Rukmini Devi Arundale (Bharatanatyam) - Padma bhushan (1956).

Sol.28.(d) Hockey. Other Indian players: Hockey - Mohammad Shahid, Dhanraj Pillay, PR Sreejesh. Badminton - Kidambi Srikanth, PV Sindhu, Saina Nehwal. Tennis - Ramanathan Krishnan, Vijay Amritraj, Ramesh Krishnan. Table Tennis - Manika Batra, Sharath Kamal, Sathiyan Gnanasekaran.

Sol.29.(c) 326 BC. The invasion of Alexander took place during his campaign to expand his empire into the Indian subcontinent. He crossed the Indus River and fought the famous Battle of the Hydaspes against King Porus, which took place near the river Jhelum in present-day Punjab, Pakistan. At the time of Alexander's invasion, Ghana Nanda was the king of Magadha.

Sol.30.(d) Manipuri. The Ashtapadis from Jayadeva's Geeta Govinda compositions, which celebrate the divine love of Radha and Krishna, are sung and interpreted through dance in the Manipuri style, known for its graceful and devotional expression. The Manipuri dance form is a unique blend of Sankirtana and Rasalila. The dance with the drum called Pung, is one of the most vibrant and exciting presentations in Manipuri dance.

Sol.31.(a) 1927. During the Indian National Movement, Indian industrialists formed the Indian Industrial and Commercial Congress in 1920 and the FICCI in 1927 to organise business interests. It was led by prominent industrialists like Purshottamdas Thakurdas and G. D. Birla, the industrialists attacked colonial control over the Indian economy, and supported the Civil Disobedience Movement when it was first launched. FICCI is a non-governmental, not-for-profit organization headquartered in New Delhi.

Sol.32.(d) Tertiary Sector: It includes activities like transportation, storage, communication, banking, and trade. This sector does not produce goods itself but supports and facilitates the development of both the primary (agriculture, mining) and secondary (manufacturing) sectors.

Sol.33.(c) Dr. Manmohan Singh. The India-UK Achievers Honours by National Indian Students and Alumni Union (NISAU) UK, in partnership with the British Council in India and the UK's Department for International Trade (DIT), celebrate the achievements of Indian students who studied at British universities and the Lifetime Achievement Honour is a nod to Dr. Manmohan Singh academic achievements at the Universities of Oxford and Cambridge.

Sol.34.(d) Andaman and Nicobar Islands. The Ossuary feast festival is celebrated by the Nicobarese tribe. Other states and festivals: Maharashtra - Gudi Padwa, Diwali Festival, Ganesh Chaturthi. Karnataka - Hampi Festival, Pattadakal Dance Festival, Kambala Festival. Madhya Pradesh - Bhagoria Haat Festival, Ujjain Kumbh Mela, Malwa Utsav.

Sol.35.(d) Both I and II. Awards of Lata Mangeshkar: Bharat Ratna (2001), Padma vibhushan (1999), Padma bhushan (1969). Awards of Bhupen Hazarika: Bharat Ratna (2019), Padma vibhushan (2012), Padma bhushan (2001), Padma shri (1977).

Sol.36.(a) A player's king has no legal moves, resulting in a draw. Other Chess terms: Chess Openings - The very first move of the chess game. Checkmated - A position when the player's king is in check.

Sol.37.(d) Amar Preet Singh. The first air vice marshal of the Indian Air Force (IAF) - Subroto Mukerjee. IAF was established in 1932. Headquarters - New Delhi. Motto - Touch the sky with Glory.

Sol.38.(b) Mizoram. As per the 2011 Census, Mizoram had a male literacy rate of 93.35% and a female literacy rate of 89.27%. Highest Literate States - Kerala (94.00%), Lakshadweep (91.85%),

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Mizoram (91.33%), Goa (88.70%), Tripura (87.22%).

Sol.39.(b) gaining. Non-metals are electronegative, meaning they have a strong tendency to attract and gain electrons to achieve a stable electron configuration, typically forming anions (negatively charged ions) in the process.

Sol.40.(d) Japan is an island nation of East Asia in the western Pacific Ocean. India has land borders with Bangladesh (4,096.7 km), China (3,488 km), Pakistan (3,323 km), Nepal (1,751 km), Myanmar (1,643 km), Bhutan (699 km), and Afghanistan (106 km).

Sol.41.(c) Statement I
The average of 24 number = 22
Sum of 24 numbers = 22 × 24 = 528
Sum of first 9 number = 9 × 18 = 162
Sum of remaining numbers = 528 - 162 = 366
The average of remaining numbers
$= \frac{366}{15} = 24.4$
Statement II
Average $= \frac{149 + 223 + 520 + 287 + 251}{5}$
= 286 So, It is clear from the above expression that both statements I and II are correct .

Sol.42.(c) 144 × 2 + 130 × 5 -10 × 2
= 288 + 650 - 20 = 918

Sol.43.(b) Let the number be x
According to question,
$\Rightarrow 480 \times \frac{95}{100} + x = 810 \times \frac{70}{100}$
$\Rightarrow x = 567 - 456 \Rightarrow x = 111$

Sol.44.(c)
The average of 48 numbers = 78
New average when x is subtracted from each number = 57
We know that,
When all the values of average are decreased by a certain number then average also decreases by the same number.
Therefore, the value of x = 78 - 57 = 21

Sol.45.(b) According to question,
Original price = $11500 \times \frac{100}{115}$ = ₹ 10000

Sol.46.(a) A can complete $\frac{4}{5}$ part of a work = 10 days
A can complete work = $\frac{50}{4}$ days
According to question,
Ratio of efficiency of A and B → 1 : 5
Total work = $\frac{50}{4} \times 1 = \frac{50}{4}$
Now, B alone complete the work
$= \frac{50}{4} \times \frac{1}{5} = \frac{50}{20}$ = 2.5 days

Sol.47.(a) S.P of an article = $9900 \times \frac{3}{4}$
= ₹ 7425

Sol.48.(c) Perimeter of rectangle
= 2(l + b)⇒ 22 = 2(1 + b) ⇒ b = 10 cm
Now,
Area of a rectangle = l × b = 1 × 10
= 10 cm^2

Sol.49.(c) Single discount
$= 25 + 10 - \frac{25 \times 10}{100} = 35 - 2.5 = 32.5\%$

Sol.50.(c) B alone complete half of a work = 150 days
B complete whole work = 300 days
So, Required percentage = $\frac{30}{300} \times 100$
= 10%

Sol.51.(d) (6a + b) : (6a - b)
⇒ (6 × 7 + 4) : (6 × 7 - 4)
⇒ 46 : 38 ⇒ 23 : 19

Sol.52.(d)
Let the distance between J and K be x
According to question,
$\Rightarrow \frac{x \times 2}{5 \times 10} + \frac{x \times 3}{5 \times 20} = 28$
$\Rightarrow \frac{4x + 3x}{100} = 28$
$\Rightarrow 7x = 2800 \Rightarrow x = 400$ km

Sol.53.(d) CP of the table = $7686 \times \frac{100}{122}$
= ₹ 6300

Sol.54.(c) Effective rate of 1 year for C.I (compounding half yearly) = 20 + 20 + $\frac{20 \times 20}{100}$ = 44%
Rate of 1 year for S.I = 40%
According to question,
⇒ (44 - 40)% = 360
⇒ 100(sum)% = $\frac{360}{4} \times 100$ = ₹ 9000

Sol.55.(d) Let the numbers be $5x$ and $6x$
According to question,
$\Rightarrow 5x \times 6x = 1920 \Rightarrow x^2 = \frac{1920}{30}$
$\Rightarrow x = \sqrt{64} \Rightarrow x = 8$
Required sum of both number = $5x + 6x$
= 40 + 48 = 88

Sol.56.(d) 24 - [8 - {6 - (10 - (8 + 5))}]
= 24 - [8 - {6 + 3}] = 24 - (-1) = 25

Sol.57.(b) According to question,
Taking the profit percentage as positive and the loss percentage as negative.
⇒ 30% - (- 10%) = 200
⇒ 40% = 200
⇒ 100% (CP) = 500
⇒ 130% (SP) = ₹ 650

Sol.58.(d) S.I = $\frac{P \times R \times T}{100}$
⇒ S. I = $\frac{50000 \times 12 \times 8}{100}$ = 48000
So, Amount = 50000 + 48000 = ₹ 98000

Sol.59.(c) $\frac{88}{3}$ of $\frac{63}{56} \div \frac{102}{33}$ of $\frac{11}{34}$
$= \frac{88 \times 63}{3 \times 56} \div \frac{102 \times 11}{33 \times 34} = 33 \div 1 = 33$

Sol.60.(d) If the last three numbers are zero or divisible by 8, the whole number is divisible by 8.
2545A is divisible by 8,
⇒ 45A is divisible by 8
The nearest three digit number of the given number which is divisible by 8 will be 456.
So, A = 6

Sol.61.(c) too
The given sentence needs an adverb to modify the adjective 'raw'. 'Too' is an adverb used to express an excessive degree or quantity. Hence, 'too' is the most appropriate answer.

Sol.62.(c) visiting our
We're is a contraction for 'We are'. 'Is/am/are + V_{ing}' is the correct grammatical structure for the sentence which is in the present continuous tense. Hence, 'visiting(V_{ing}) our' is the most appropriate answer.

Sol.63.(b) Eloquent- fluent or persuasive in speaking or writing.
Glib- spoken in a confident way, but without careful thought or honesty.
Effluent- liquid waste or sewage discharged into a river or the sea.
Effulgent- showing great happiness or goodness.
Elaborate- to give more details about something.

Sol.64.(a) declared
Declared means to announce something officially. The given sentence states that the neighbouring army has declared a war on us. Hence, 'declared' is the most appropriate answer.

Sol.65.(c) pieceful
'Peaceful' is the correct spelling.

Sol.66.(d) Out in the open- in public knowledge.

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Sol.67.(a) Attend- to provide a service to someone, especially as part of your job.
Serve- to perform duties or service for another person.
Carousel- a moving belt at an airport that carries luggage.
Carrier- a person or thing that carries or transports something.
Abandon- to give up or leave something.

Sol.68.(c) live a happiest life.
'Happiest' must be replaced with 'happy' as we use superlative degree when there is a comparison among all the members of a group. But there is no comparison in this sentence. Hence, 'live a happy life' is the most appropriate answer.

Sol.69.(d) flung
The given sentence is in the past tense so it must have the verb in the past form. 'Flung' is the past form of 'fling', which means to throw something with force. Hence, 'flung' is the most appropriate answer.

Sol.70.(c) have invited her
If the paired conjunctions 'either…or', 'neither…nor', 'not only…but also' are used, the verb agrees with the subject closest to it. 'Ishita' is a singular subject that will take the singular verb 'has'. Hence, 'has invited her' is the most appropriate answer.

Sol.71.(b) type of parasitic
Article 'a' indicates that the noun should be singular. Hence, 'type of parasitic' is the most appropriate answer.

Sol.72.(a) are too
We use the forms of 'be'(is/am/are/was/were) to describe the qualities of something. A stative verb is followed by an adjective('small' in the given sentence). 'Shoes' is a plural subject that will take the plural verb 'are'. Hence, 'are too' is the most appropriate answer.

Sol.73.(a) Borman was joined on the mission by two other astronauts.
'Joined', 'mission' and 'astronauts' are the correct spellings.

Sol.74.(d) Cheer- to make somebody happy or more hopeful.
Daunt- to make someone feel slightly frightened or worried about his or her ability to achieve something.
Scare- to cause someone to feel afraid.
Baffle- to confuse or frustrate completely.
Dismay- a feeling of unhappiness.

Sol.75.(a) Lose by a neck- lose by a small margin.
E.g.- She lost the singing competition by a neck, just a few votes behind the winner.

Sol.76.(a) wholesome
'Wholesome' means promoting health and well-being. The given passage states that healthy eating is a key component of a wholesome lifestyle. Hence, 'wholesome' is the most appropriate answer.

Sol.77.(a) optimal
'Optimal' means maximum. The given passage states that such a diet provides the necessary nutrients for optimal growth and overall well-being. Hence, 'optimal' is the most appropriate answer.

Sol.78.(c) infectious
'Infectious' means (a disease) able to be passed from one person, animal, or plant to another. The given passage states that such a diet also reduces the risk of infectious conditions such as heart disease and diabetes. Hence, 'infectious' is the most appropriate answer.

Sol.79.(c) vital
'Vital' means something that is necessary for survival. The given passage states that regular physical activity is vital for maintaining good health. Hence, 'vital' is the most appropriate answer.

Sol.80.(a) fit
'Fit' means in good health, especially because of regular physical exercise. The given passage states that staying fit and active can enhance both physical and mental well-being. Hence, 'fit' is the most appropriate answer.

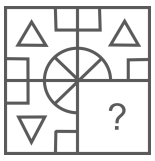
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SSC GD Constable 29/02/2024 (2nd Shift)

Reasoning

Q.1. Which of the given option figures will complete the pattern of the question figure? (rotation is not allowed)



(a)  (b) 

(c)  (d) 

Q.2. Five persons A, B, C, D and E are sitting around a circular table facing the center (but not necessarily in the same order). The immediate neighbor of D and A is not C. B sits second to the right of E. A sits second to the left of E. Who is sitting immediate right of C ?
(a) A (b) D (c) E (d) B

Q.3. In the following question, select the related letter - pair from the given alternatives.
WZC : XAD :: ?
(a) ABB : BZU (b) PPV : VUL
(c) HAV : BUX (d) CGK : DHL

Q.4. In a certain code language, if 'France' is called 'Italy', 'Italy' is called 'Spain', 'Spain' is called 'Greece', 'Greece' is called 'Germany', So where is 'Eiffel Tower' located ?
(a) Greece (b) Germany
(c) Italy (d) France

Q.5. By interchanging which two signs from the given options, the following equation will be correct ?
29 + 12 - 4 × 40 ÷ 5 = 49
(a) × and – (b) + and -
(c) + and ÷ (d) × and +

Q.6. In the following question, select the related letters from the given alternatives.
QTW : MPS :: DGJ : ?
(a) WXX (b) ZCF (c) RUV (d) XTM

Q.7. Which of the following numbers will come in place of question mark (?) in the given series ?
126, 147, ?, 189, 210, 231
(a) 168 (b) 176 (c) 152 (d) 160

Q.8. In the following question some statements are given and some conclusions based on those statements are given. You have to consider the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and decide which of the given conclusions logically follows from the statements.
Statement :
I. No M is N.
II. Some O are N.
Conclusion :
I. All O are M.
II. No N is M.
(a) Conclusion. I And II Both statements follow
(b) None of the conclusions follow the statements
(c) Conclusion only I follows the statements
(d) Only conclusion II follows the statements

Q.9. Below a series is given with one term missing. Select the option from the given options that will complete the series.
NRHD, RVLH, VZPL, ZDTP, ?
(a) DTNR (b) DQPT (c) DTCM (d) DHXT

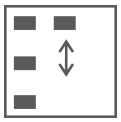
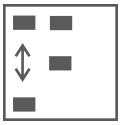
Q.10. Arrange the given words in the same order in which they appear in the English dictionary.
1. Lid 2. Lick 3. Lien 4. Lie 5. Lieu
(a) 1, 2, 4, 3, 5 (b) 2, 1, 4, 3, 5
(c) 2, 4, 1, 3, 5 (d) 1, 2, 3, 4, 5

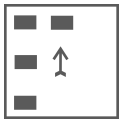
Q.11. Pointing to a photograph of a man, Ram said, "He is the brother of my son's grandfather". How is that man related to Ram ?
(a) brother (b) father's brother
(c) father (d) son

Q.12. Which of the following numbers will come in place of question mark (?) in the given series?
14, 13, 15, 12, 16, 11, ?
(a) 15 (b) 18 (c) 17 (d) 16

Q.13. In the following question, select the figure from the given alternatives which can be placed in place of the question mark (?).

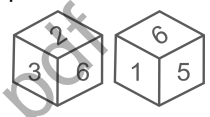


(a)  (b) 

(c)  (d) 

Q.14. Eight friends A, B, C, D, E, F, G and H are sitting in a straight line facing north, but not necessarily in the same order. B sits second to the right of F. F sits at one of the extreme ends of the row. Only three persons sit between B and E. C sits third to the left of D. Only two persons sit between D and A. G is not an immediate neighbor of E. Who sits immediate left of B ?
(a) C (b) F (c) G (d) A

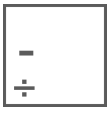
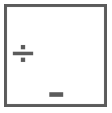
Q.15. Given below are two positions of a dice. Which of the following options will appear on the panel opposite to the panel marked '5' ?

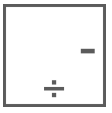
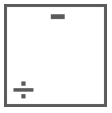


(a) 1 (b) 2 (c) 3 (d) 4

Q.16. Select the figure which will come in place of the question mark (?) in the following figure series.



(a)  (b) 

(c)  (d) 

Q.17. If 105 @ 100 * 6 # 7 = 712 and 108 @ 80 * 15 # 60 = 1368 , then find 60 @ 45 * 16 # 25 = ?
(a) 870 (b) 450 (c) 805 (d) 900

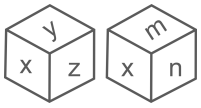
Q.18. In a certain code language, 'DAILY' is written as '50739', 'EARLY' is written as '75834', 'EVENT' is written as '42641'. How will 'D' be written in that code language ?
(a) 3 (b) 9 (c) 5 (d) 7

Q.19. Which of the following letter groups will complete the series given below when sequentially placed from left to right ?
r_tuvrstuvr_tuvrstuvrstuvr_tuvrstuvrst_v
(a) suvt (b) utvu (c) tust (d) sssu

Q.20. Given below are two different positions of the same dice. What will come on the face opposite to the face with 'y' ?

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(a) z (b) m (c) p (d) x

General Awareness

Q.21. Which of the following Articles of the Indian Constitution mentions 'Special Address by the Governor to the Legislature of the State' ?
(a) Article 173 (b) Article 171
(c) Article 175 (d) Article 176

Q.22. ICC Men's T20 World Cup 2022 was hosted by which of the following countries ?
(a) India (b) United Arab Emirates
(c) Australia (d) England

Q.23. _____ has been appointed as the new chief of India's external intelligence agency, Research & Analysis Wing (RAW), in June 2023.
(a) Anil Dhasmana (b) Ravi Sinha
(c) Samant Goel (d) Alok Joshi

Q.24. In swimming, how many warnings are there for a "false start" ?
(a) 4 (b) 2 (c) 0 (d) 6

Q.25. Which of the following is the time period of the First Five Year Plan ?
(a) 1956-1961 (b) 1966-1969
(c) 1951-1956 (d) 1961-1966

Q.26. According to the 2011 census of India, what is the total percentage of Christian population in the country ?
(a) 3.3 percent (b) 2.3 percent
(c) 0.3 percent (d) 1.3 percent

Q.27. The new Foreign Trade Policy was launched on March 31, 2023 and came into effect from _____ 2023.
(a) 1 April (b) 1 May (c) 1 July (d) 1 June

Q.28. Aparna Popat plays which of the following sports ?
(a) Badminton (b) Cricket
(c) Volleyball (d) Table Tennis

Q.29. The United Nations has designated _____as the 'International Year of Micro Credit'.
(a) 2001 (b) 2003 (c) 2005 (d) 2007

Q.30. Which of the following Indian musicians earned the nickname "Mozart of Madras" for his extensive work for film and stage ?
(a) Zakir Hussain (b) Ravi Shankar
(c) A. R. Rahman (d) Sonu Nigam

Q.31. Which of the following schemes will not be launched by the Ministry of Health and Family Welfare in 2023 ?
(a) Samagra Mission Indradhanush 3.0
(b) Ayushman Bharat Pradhan Mantri Jan Arogya Yojana
(c) National Digital Health Mission
(d) Mid Day Meal

Q.32. Indian Muslims launched the Khilafat Movement under the leadership of _____, popularly known as the Ali brothers.
(a) Mohammed Ali and Sayyed Ali
(b) Feroze Ali and Shaukat Ali
(c) Mohammed Ali and Shaukat Ali
(d) Mohammed Ali and Ahmed Ali

Q.33. According to the 2011 census of India, the urban population is what percent of the total population ?
(a) 37.2 percent (b) 39.2 percent
(c) 35.2 percent (d) 31.2 percent

Q.34. Who among the following was a legend of Mohiniyattam who died in February 2023 ?
(a) Shobha Naidu
(b) Gaddam Padmaja
(c) Kelucharan Mohapatra
(d) Kanak Rele

Q.35. 'Yakshagana' is related to which of the following states ?
(a) Odisha (b) Karnataka
(c) Maharashtra (d) Tamil Nadu

Q.36. Which of the following ancient texts, attributed to the sage Vyasa, is a major epic of ancient India and consists of 100,000 verses in 18 parvas (books) ?
(a) Rigveda (b) Ramayana
(c) Arthashastra (d) Mahabharata

Q.37. Baisakhi is the festival of_____ state.
(a) Maharashtra (b) Manipur
(c) Haryana (d) Gujarat

Q.38. In which part of the Indian Constitution are the Fundamental Rights mentioned ?
(a) Part IV (b) Part III (c) Part II (d) Part I

Q.39. What is another name for solid carbon dioxide ?
(a) Dry ice (b) Frozen ice
(c) Ice at room temperature (d) White ice

Q.40. In June 2023, Janardan Prasad has been appointed as the new Director General of _____?
(a) Geological Survey of India (GSI)
(b) Steel Authority of India Limited (SAIL)
(c) Bharat Heavy Electricals Limited (BHEL)
(d) Oil and Natural Gas Corporation Limited (ONGC)

Quantitative Aptitude

Q.41. In a group of 60 students, 50% are interested in History, and the remaining are interested in Geography. If the average score of History is 85, and the average score of Geography is 75, then what is the average score for the entire group ?
(a) 80 (b) 89 (c) 77 (d) 64

Q.42. If X = 50 and Y = 25, then X is what percent more than Y ?
(a) 110 percent (b) 90 percent
(c) 100 percent (d) 105 percent

Q.43. The ratio between two numbers is 7 : 8. If each number is increased by 4, the ratio becomes 9 : 10, then find the difference between the numbers.
(a) 10 (b) 4 (c) 8 (d) 2

Q.44. What is the least number which when divided by 15, 80, 20 and 75 leaves a remainder of 14 in each case ?
(a) 1214 (b) 1244 (c) 1455 (d) 1245

Q.45. After giving a discount of 25 percent an article is sold for Rs 5550. What is the marked price of the article ?
(a) Rs 7200 (b) Rs 7400
(c) Rs 7500 (d) Rs 7000

Q.46. The principal amount of Rs 20000 is taken on loan at the rate of 9 percent per annum compound interest (compounded annually). What will be the amount after 2 years ?
(a) Rs. 23789 (b) Rs. 24840
(c) Rs. 25500 (d) Rs. 23762

Q.47. The ratio of water and wine in a mixture is 7 : 19. If the mixture contains 12 liters more wine than water, what will be the quantity of wine in the mixture ?
(a) 7 liters (b) 12 liters
(c) 19 liters (d) 16 liters

Q.48. The average height of W, X and Y is 185 cm. If the average height of W and X is 153 cm and the average height of X and Y is 152 cm, then what is the height of X ?
(a) 57 cm (b) 60 cm (c) 61 cm (d) 55 cm

Q.49. What is the value of 415 ÷ 5 - 44 × 2 ÷ 8 + 53.
(a) 132 (b) 125 (c) 138 (d) 128

Q.50. If D can complete 10 percent of a work in 3 days, then in how many days can D complete the entire work ?
(a) 30 days (b) 42 days

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(c) 31 days (d) 36 days

Q.51. Saurabh buys a ring at 26% less than the marked price and sells it at 10% more than the marked price. Find the estimated profit earned by him.
(a) 45.2% (b) 49.9% (c) 46.7% (d) 48.6%

Q.52. What is the value of
$\frac{98}{56}$ of $(\frac{63}{7}+\frac{35}{5}) \div \frac{7}{49}$
(a) 49 (b) 196 (c) 63 (d) 98

Q.53. There are three students P1, P2 and P3. P1 got 62.5 percent less marks than P2 and 70 percent more marks than P3. If P2 got 8160 marks, then how many marks did P3 get ?
(a) 1780 (b) 1700 (c) 1800 (d) 1880

Q.54. A sum of ₹ 600 was lent to two people, one at 5% per annum and the other at 13% per annum. If the simple interest after one year is ₹ 62, find the amount lent at each rate.
(a) ₹ 200 and ₹ 400 (b) ₹250 and ₹350
(c) ₹100 and ₹500 (d) ₹150 and ₹450

Q.55. The area of a triangle is 1470 cm².
If the base of this triangle is $(\frac{3}{5})^{th}$ of the height corresponding to that base, then what will be the height of the triangle?
(a) 70 cm (b) 72 cm (c) 69 cm (d) 63 cm

Q.56. The cost price of an article is Rs 440. If the profit percentage is 18 percent, what is the value of profit ?
(a) Rs 78.2 (b) Rs 82.5
(c) Rs 79.2 (d) Rs 75.6

Q.57. The cost price of an article is 60 percent of the marked price. What will be the profit percentage after giving a discount of 4% on the marked price ?
(a) 50 percent (b) 30 percent
(c) 40 percent (d) 60 percent

Q.58. What is the value of 8400 ÷ 2 - 2100 +15 × 8 ?
(a) 2220 (b) 2120 (c) 2280 (d) 2060

Q.59. Three friends can complete a puzzle in 4 hours. If they call two more friends for help, how much time will it take them to complete the same puzzle ?
(a) 130 minutes (b) 120 minutes
(c) 132 minutes (d) 144 minutes

Q.60. If a train runs at $\frac{6}{7}$th of its original speed, it reaches the station late by 20 minutes. Find the normal time taken by the train to cover the distance.
(a) 140 minutes (b) 100 minutes
(c) 144 minutes (d) 120 minutes

English

Q.61. Select the most appropriate option for the given blank.
We are _____of flour. So, we have to buy the bread.
(a) in (b) out (c) up (d) by

Q.62. Select the most appropriate word to fill in the blank.
Without a _____ package, our economy's going to go down the tubes.
(a) stimulated (b) stimulant
(c) stimulus (d) stimulating

Q.63. Select the incorrectly spelt word from the given sentence.
While he stood, in the cluch of his adversary, he still held his hand on his sword.
(a) While (b) cluch
(c) adversary (d) sword

Q.64. Select the most appropriate meaning of the given idiom
Leave no stone unturned
(a) Make all possible efforts
(b) The final event in a series of unacceptable actions
(c) To share a secret that wasn't suppose to be shared
(d) To act in a frenzied manner

Q.65. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To go to the devil
(a) To be in an extremely and increasingly bad or ruinous condition
(b) To switch allegiance
(c) To curse someone
(d) To mourn the death of a close friend

Q.66. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
It kept getting darker and darker, / and we could rarely see / the ball any more.
(a) the ball any more.
(b) No error
(c) and we could rarely see
(d) It kept getting darker and darker,

Q.67. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
At last Godfrey (turning his head against her), and their eyes met, dwelling in that meeting without any movement on either side.
(a) turned his head toward her
(b) no correction required
(c) turning his head for their
(d) turn his head along

Q.68. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Season the meat with salt and pepper, and then fry it <u>in a hot pan.</u>
(a) No improvement (b) to hotter pan
(c) in a hottest pan (d) at a heat pan

Q.69. Choose the word that is opposite in meaning to the given word.
Acquire
(a) Garner (b) Discard
(c) Reach (d) Barter

Q.70. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
My nephew is the most naughtiest kid on this Earth.
(a) No error
(b) naughtiest kid
(c) My nephew is the most
(d) on this Earth.

Q.71. Choose the word that means the same as the given word.
Competent
(a) Untried (b) Qualified
(c) Widened (d) Gullible

Q.72. Choose the word that is opposite in meaning to the given word.
Successful
(a) Hopeless (b) Vile
(c) Vestige (d) Vagary

Q.73. Choose the most appropriate antonym of the underlined word.
Why is there **<u>fascination</u>**, dissection, and constant conversation whenever Beyoncé or any female celebrity changes her hair?
(a) Allure (b) Spell
(c) Appeal (d) Repulsion

Q.74. Select the sentence with no spelling errors.
(a) Water leakage was thoght to be a major cause of landslides.
(b) Water leakage was thought to be a major cause of landslides.
(c) Water likage was thought to be a major cause of landslides.
(d) Water leakage was thought to be a major cause of lendslides.

Q.75. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

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I am shocked as I saw her / yesterday, I was horrified / when I saw her today.
(a) I am shocked as I saw her
(b) yesterday, I was horrified
(c) when I saw her today.
(d) No error

Cloze Test :
Direction :- [Q.76. to Q.80.]
For a (76) _____ Nicole stood looking down at the Mediterranean but there was (77) _____ to do with that, even with her tireless hands. Presently Dicken came out of his one-room house (78) _____ a telescope and looked east toward Cannes. In a moment Nicole swam into his field of vision, (79)_____he disappeared into his house and came out with a megaphone. Using the megaphone, he called out to Nicole with a mix of urgency and (80) _____in his voice, alerting her to something important happening at the shore. Nicole, startled by the sudden amplification, turned quickly, her curiosity piqued as she noticed a small crowd beginning to gather by the water's edge.

Q.76. (a) minute (b) time
(c) moment (d) occasion

Q.77. (a) something (b) nothing
(c) everything (d) mostly

Q.78. (a) carrying (b) lift
(c) hauling (d) picking

Q.79. (a) wherein (b) whereas
(c) when (d) whereupon

Q.80. (a) excite (b) exciting
(c) excitement (d) excitation

Answer Key :-

1.(a)	2.(d)	3.(d)	4.(c)
5.(b)	6.(b)	7.(a)	8.(d)
9.(d)	10.(b)	11.(b)	12.(c)
13.(a)	14.(a)	15.(c)	16.(d)
17.(c)	18.(b)	19.(d)	20.(b)
21.(d)	22.(c)	23.(b)	24.(c)
25.(c)	26.(b)	27.(a)	28.(a)
29.(c)	30.(c)	31.(d)	32.(c)
33.(d)	34.(d)	35.(b)	36.(d)
37.(c)	38.(b)	39.(a)	40.(a)
41.(a)	42.(c)	43.(d)	44.(a)
45.(b)	46.(d)	47.(c)	48.(d)
49.(b)	50.(a)	51.(d)	52.(b)
53.(c)	54.(a)	55.(a)	56.(c)

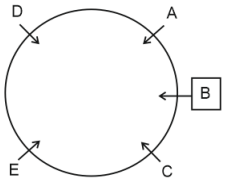
57.(d)	58.(a)	59.(d)	60.(d)
61.(b)	62.(c)	63.(b)	64.(a)
65.(a)	66.(c)	67.(a)	68.(a)
69.(b)	70.(c)	71.(b)	72.(a)
73.(d)	74.(b)	75.(a)	76.(c)
77.(b)	78.(a)	79.(d)	80.(c)

Solutions :-

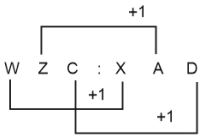
Sol.1.(a)

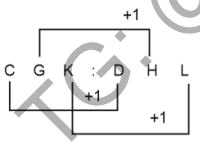


Sol.2.(d)



Sol.3.(d)



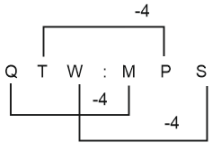


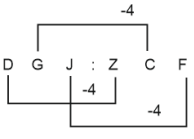
Similarly,

Sol.4.(c) As we know that the Eiffel tower is situated in France, but in question France is called italy. The correct answer is Italy.

Sol.5.(b)
Given :- 29 + 12 - 4 × 40 ÷ 5 = 49
After going through all the options, option (b) satisfies. After interchanging + and - we get
29 - 12 + 4 × 40 ÷ 5 ⇒ 17 + 32 = 49
L.H.S. = R.H.S

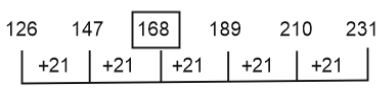
Sol.6.(b)





Similarly,

Sol.7.(a)

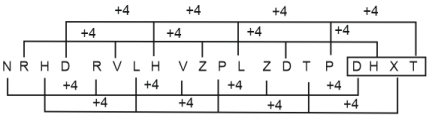


Sol.8.(d)



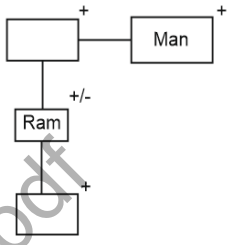
Only conclusion II follows.

Sol.9.(d)



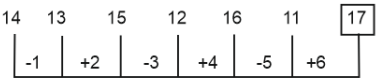
Sol.10.(b) The correct order is :-
Lick(2) → Lid(1) → Lie(4) → Lien(3) → Lieu(5)

Sol.11.(b)

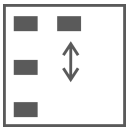


The man is the brother of Ram's father.

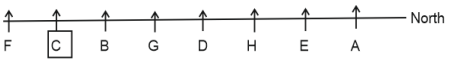
Sol.12.(c)



Sol.13.(a)

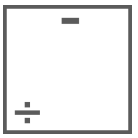


Sol.14.(a)



Sol.15.(c) From both the dice the opposite faces are → 3 ↔ 5 , 1 ↔ 2

Sol.16.(d)

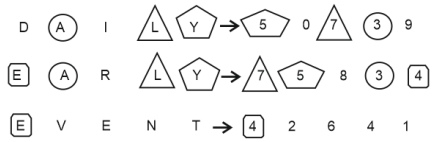


Sol.17.(c) Logic :- Interchanging @ , * and # with + , × , + respectively,
⇒ 105 @ 100 * 6 # 7 = 712
105 + 100 × 6 + 7 ⇒ 105 + 600 + 7 = 712
⇒ 108 @ 80 * 15 # 60 = 1368
108 + 80 × 15 + 60
108 + 1200 + 60 ⇒ 108 + 1260 = 1368
Similarly, 60 @ 45 * 16 # 25
60 + 45 × 16 + 25 ⇒ 60 + 720 + 25 = 805

Sol.18.(b)

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From the line 1st and 2nd (A,L Y) and (3, 7,5) are common.The code of D can either be 0 or 9.But in option, 9 is given. So, The correct answer will be 9.

Sol.19.(d) r**s**tuv / rstuv /r**s**tuv / rstuv / rstuv / r**s**tuv / rstuv / rst**u**v

Sol.20.(b) From both the dice the opposite faces are → z ↔ n , y ↔ m

Sol.21.(d) Article 176. Other Important Articles: Article 171 - Composition of the Legislative Councils. Article 172 - Duration of State Legislatures. Article 173 - Qualification for membership of the State Legislature. Article 174 - Sessions of the State Legislature, prorogation and dissolution. Article 175 - Right of Governor to address and send messages to the House or Houses. Article 177 - Rights of Ministers and Advocate-General as respects the Houses.

Sol.22.(c) Australia. 8th T20 Cricket World Cup (2022), held in Australia (Winner - England, Runner Up - Pakistan). 9th ICC Men's T20 World Cup - June 2024 in the West Indies and the United States. First T20 Cricket World Cup - 2007 (Winner - India, Runner Up - Pakistan). ICC Men's World Cup 2023 - India, ICC Men's T20 World Cup 2026: India & Sri Lanka - February 2026.

Sol.23.(b) Ravi Sinha. The Research and Analysis Wing (R&AW) is India's premier intelligence agency, tasked with gathering foreign intelligence to safeguard the nation's security. Established- 21 September 1968, R&AW plays a crucial role in counter-terrorism, counter-proliferation efforts, and advising the government on foreign policy matters. Headquarters - New Delhi. Motto - "Dharmo Rakṣati Rakṣitaḥ".

Sol.24.(c) 0. Swimming is an individual or team racing sport that requires the use of one's entire body to move through water. Terminology - Backstroke, Freestyle, Breaststroke, Lane, Pool and Butterfly. Famous Players - Michael Phelps, Arati Saha, Bhakti Sharma.

Sol.25.(c) 1951-1956. First Five Year Plan - Focussed on agriculture, price stability, power and transport. It was based on the Harrod Domar Model. Five Year Plans - Second (1956 -61), Third (1961-66), Plan Holidays (1966 -69), Fourth (1969-74), Rolling Plan (1978-80), Sixth (1980-85), Seventh (1985-90), Annual Plans (1990-92), Eighth (1992-97), Ninth (1997-2002), Tenth (2002-07), Eleventh (2007-2012), Twelfth (2012-17).

Sol.26.(b) 2.3 percent. As per 2011 Census: Among 121.09 crores population (religions) are: Hindu 96.63 crores (79.8%), Muslim (14.2%), Sikh (1.7%), Buddhist (0.7%), Jain (0.4%), others (0.9%). Muslims (14.2%) form the largest religious minority in India.

Sol.27.(a) 1 April. Foreign Trade Policy (FTP) aims to make India an export hub and integrate it further into global value chains. It also includes provisions for the import and export of goods and services. India's Foreign Trade Policy (FTP) 2023 will be dynamic and open to consultative feedback with a target of US$2 trillion exports by 2030.

Sol.28.(a) Badminton. Aparna Popat: Awards - Arjuna Award (2005). Facts of Badminton: Badminton - court - 13.4 m × 5.18 m (singles) and 13.4 m × 6.1 m (doubles). Badminton became a full-medal Olympic sport in 1992. Terminologies (Badminton): Alley, Baseline, Centerline, Drive, Drop, Flick, Net shot, Short service line, Wood shot, Push shot, etc. Other Badminton Players: P.V. Sindhu, Sania Nehwal, Shrikant Kadami, Lakshya Sen.

Sol.29.(c) 2005. The United Nations Economic and Social Council proclaimed the year 2005 as the International Year of Microcredit to call for building inclusive financial sectors and strengthening the powerful, but often untapped, entrepreneurial spirit existing in communities around the world. Microcredit is an extremely small loan given to impoverished people to help them become self employed.

Sol.30.(c) A. R. Rahman. He is a music composer, musician and singer. He got this nickname from Time Magazine. Awards: Padma Shri (2000), Padma Bhushan (2010), Six National Film Awards, Two Grammy Awards, A Golden Globe Award and fifteen Filmfare Awards. Other musicians and their nicknames : Lata Mangeshkar - "Queen of melody". Kishore Kumar - Kishore Da, Usha Uthup - The Queen of Indipop.

Sol.31.(d) Mid Day Meal. The Mid-Day Meal Scheme, also known as the National Programme of Nutritional Support to Primary Education (NP-NSPE), was launched in 1995 to improve children's nutritional status and increase enrollment and attendance in primary and upper primary schools. The Ministry of Human Resources and Development (MHRD) is the authorized body to implement the scheme.

Sol.32.(c) Mohammed Ali and Shaukat Ali. In early 1919, the All India Khilafat Committee was formed under the leadership of the Ali brothers (Maulana Muhammad Ali and Shaukat Ali), Maulana Abul Kalam Azad, Ajmal Khan and Hasrat Mohani, to force the British Government to change its attitude towards Turkey.

Sol.33.(d) 31.2 percent. The urban population increased from 17.3% in 1951 to 31.2% in 2011. In NCT Delhi, the proportion of urban residents is the highest (97.5 percent). The top five states in terms of the percentage of people living in cities are Goa (62.2%), Mizoram (52.1%), Tamil Nadu (48.4%), Kerala (47.7%), and Maharashtra (45.2 percent). Highest Populated State - Uttar Pradesh (19.98 crore), Least Populated State - Sikkim. Highest Populated (Union territory) - National Capital Territory of Delhi, Least Populated (Union Territory) - Lakshadweep.

Sol.34.(d) Kanak Rele. She is the founder-director of the Nalanda Dance Research Centre (1967) and the founder-principal of the Nalanda Nritya Kala Mahavidyalaya in Mumbai. Awards and Honors: Gaurav Puraskar (Gujarat ; 1989), Padma Shri (1990), Kala Vipanchee (Vipanchee institution ; 2005), Kalidas Samman (Madhya Pradesh, 2006), Sangeet Natak Akademi Award (1994), Padma Bhushan (2013).

Sol.35.(b) Karnataka. Yakshagana (song of the yaksha): It has originated as a product of the Vaishnava bhakti movement. Other Yakshagana artists include Balipa Narayana Bhagavatha, Naranappa Uppoor, Parameshwar Hegde, Kalinga Nevada, Keremane Shivarama Hegde, Chittani Ramachandra Hegde, etc.

Sol.36.(d) Mahabharata. It was written by the sage Veda Vyasa. It is considered the longest poem ever written. Mahabharata and Ramayana are the two major Sanskrit epics of ancient India.

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Sol.37.(c) Haryana. Baisakhi (Sikh New Year) commemorates the formation of Khalsa Panth by Guru Gobind Singh in 1699. It is mainly celebrated in the states of Punjab and Haryana. It is a spring harvest festival usually celebrated on 13 or 14 April every year. Other festivals of Haryana : Teej, Guga Navmi, Gita Jayanti, Kaartik Cultural Festival, Sohna Car Rally.

Sol.38.(b) Part III. Fundamental Rights: ght to Equality (Articles 14 - 18), Right to Freedom (Articles 19 - 22), Right against Exploitation (Articles 23 - 24), Right to Freedom of Religion (Articles 25 - 28), Cultural and Educational Rights (Articles 29 - 30), Right to Constitutional Remedies (Articles 32). Part I - The Union and its Territory (Articles 1 - 4). Part II - Citizenship (Articles 5 - 11). Part IV - Directive Principles of State Policy (Articles 36 -51). Part IV A - Fundamental duties (Article 51A).

Sol.39.(a) Dry ice. It is primarily used as a cooling agent. It sublimates directly from a solid to a gaseous state without turning into a liquid. Dry ice is colorless, non-flammable, and has a distinct sour odor. It was first observed by the French inventor Adrien-Jean-Pierre Thilorier in 1835. Dry ice is commonly used for food preservation and is also utilized in the production of carbonated beverages and ice creams.

Sol.40.(a) Geological Survey of India (GSI) : Established in 1851, started its voyage to investigate for and assess coal and other mineral resources of the country with regional level exploration. The Geological Survey of India (GSI), an attached office to the Ministry of Mines, has its headquarters in Kolkata, with six regional offices in Lucknow, Jaipur, Nagpur, Hyderabad, Shillong, and Kolkata.

Sol.41.(a) Ratio of students interested student ⇒ History : Geography = 1 : 1
Hence, required average
$= \frac{1\times 85 + 1\times 75}{1+1} = \frac{160}{2} = 80$

Sol.42.(c) Required %
$= \frac{50-25}{25} \times 100 = 100\ \%$

Sol.43.(d)
Let numbers be $7x$ and $8x$ respectively,
According to the question,
$\frac{7x+4}{8x+4} = \frac{9}{10}$
$70x + 40 = 72x + 36 \Rightarrow 2x = 4 \Rightarrow x = 2$
Difference between numbers = $8x - 7x = x$
Hence, required difference = 2

Sol.44.(a) LCM (15 , 80 , 20 , 75) = 1200
Now, required number = LCM (15 , 80 , 20 , 75) + 14 ⇒ 1200 + 14 = 1214

Sol.45.(b) Marked price
$= 5550 \times \frac{100}{75}$ = Rs. 7400

Sol.46.(d) Amount after 2 year
$= 20000 \times \frac{109}{100} \times \frac{109}{100}$ = Rs. 23762

Sol.47.(c) Let water and wine in mixture be $7x$ and $19x$ respectively,
According to the question,
$19x - 7x = 12 \Rightarrow x = 1$
Hence, quantity of wine = $19x$ = 19 liter.

Sol.48.(d) Total height of W, X and Y
= 185 × 3 = 555
Total height of W and X = 153 × 2 = 306
Total height of X and Y = 152 × 2 = 304
Height of X = (306 + 304) - 555 = 55

Sol.49.(b) 415 ÷ 5 - 44 × 2 ÷ 8 + 53
$83 - 44 \times \frac{2}{8} + 53$
83 - 11 + 53 = 125

Sol.50.(a) Time taken by D to complete the $\frac{1}{10}$ part of a work = 3 days
Therefore total time taken by D to complete the whole work = 3 × 10 = 30 days

Sol.51.(d) Let marked price = 100
Then, cost price for Saurabh
= 100 × 74% = 74
Now, saurabh sells it at 10% profit at marked price
Then, selling price = 100 × 110% = 110
Profit = 110 - 74 = 36
Hence, required profit
$= \frac{36}{74} \times 100 = 48.6\%$

Sol.52.(b) $\frac{98}{56}$ of $(\frac{63}{7} + \frac{35}{5}) \div \frac{7}{49}$
$\frac{7}{4}$ of $(9 + 7) \div \frac{7}{49} \Rightarrow \frac{7}{4} \times 16 \times \frac{49}{7}$
7 × 4 × 7 = 196

Sol.53.(c)
Ratio ⇒ P1 : P2 : P3 = 37.5 : 100 : $\frac{375}{17}$
According to the question,
P2 (100) unit = 8160
1 Unit = 81.6
Then, P3 = $\frac{375}{17} \times 81.6 = 1800$

Sol.54.(a) Let money borrowed by person at 13% interest = x
Then, money borrowed by 2nd person at the interest 5% = 600 - x
According to the question,
$\frac{13x + (600 - x) \times 5}{100}$ = 62
$\frac{13x + 3000 - 5x}{100}$ = 62
$8x$ = 6200 - 3000
$x = \frac{3200}{8}$ = Rs. 400
Now, (600 - x) = Rs.200
Hence, required money = Rs. 200 and Rs.400

Sol.55.(a) According to the question,
Base = $\frac{3}{5}$ × height
Area of triangle = $\frac{1}{2}$ × base × height
$1470 = \frac{1}{2} \times \frac{3}{5} \times$ height × height
4900 = height × height
Height = $\sqrt{4900}$ = 70 cm

Sol.56.(c)
Profit % = $440 \times \frac{18}{100}$ = Rs. 79.2

Sol.57.(d) Let Marked price = 100
Cost price = 100 × 60% = 60
After giving 4% discount at MP
Selling price = 100 × 96% = 96
So, profit % = $\frac{96-60}{60} \times 100 = 60\%$

Sol.58.(a) 8400 ÷ 2 - 2100 + 15 × 8
4200 - 2100 + 120 = 2220

Sol.59.(d) $M_1 \times H_1 = M_2 \times H_2$
3 × 4 = (3 + 2) × x
$x = \frac{12}{5}$ hours
Hence, required time
$= \frac{12}{5} \times 60 =$ 144 minute

Sol.60.(d) Ratio - initial : new
Speed - 7 : 6
Time - 6 : 7

Difference, in time (1) unit = 20 minute
So, initial time taken by train to cover the distance = 6 unit = 120 minute.

Sol.61.(b) out
'Out of' is used to say that no more of something is available. The given sentence means there is no more flour left, so they have to buy the bread. Hence, 'out' is the appropriate answer.

Sol.62.(c) stimulus
'Stimulus' means something that causes growth or activity. The given sentence states that without a stimulus package, our economy is going to go down the

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tubes. Hence, 'stimulus' is the most appropriate answer.

Sol.63.(b) cluch
'Clutch' is the correct spelling.

Sol.64.(a) Leave no stone unturned- make all possible efforts.
E.g.- The student left no stone unturned to ace the exam.

Sol.65.(a) To go to the devil- to be in an extremely and increasingly bad or ruinous condition.
E.g.- When the company went bankrupt, all their hard work seemed to go to the devil.

Sol.66.(c) and we could rarely see
'Rarely' means not often. 'Barely' means almost not. 'Rarely' is used for the seldom occurrence of an event. 'Barely' is used for the extent or amount of something. According to the sentence, they were almost not able to see the ball. Hence, 'and we could barely see' is the most appropriate answer.

Sol.67.(a) turned his head toward her
The given sentence is in the past tense, so it must have the verb in the past form(V_2). Hence, 'turned(V_2) his head toward her' is the most appropriate answer.

Sol.68.(a) No improvement
The given sentence is grammatically correct.

Sol.69.(b) Discard - to get rid of something that is no longer useful.
Acquire - to obtain something through effort.
Garner - to collect or gather something such as information or resources.
Reach - to arrive at a place.
Barter - to exchange goods or services directly for other goods or services without using money.

Sol.70.(c) My nephew is the most
'Most' must be removed as 'naughtiest' is the correct superlative degree of 'naughty'. Hence, 'My nephew is the' is the most appropriate answer.

Sol.71.(b) Qualified - have necessary requirements or standards for a specific role or task.
Competent - having the ability or skill needed for something.
Untried - not yet tested or proven.
Widened - made wider.
Gullible - easily deceived.

Sol.72.(a) Hopeless - having no expectation of success or improvement.
Successful - having achieved a desired aim or result.
Vile - extremely unpleasant.
Vestige - something that is disappearing or no longer exists.
Vagary - an unexpected and inexplicable change in a situation or in someone's behavior

Sol.73.(d) Repulsion - a feeling of intense distaste or disgust.
Fascination - the state of being greatly interested in or delighted by something.
Allure - the quality of being powerfully and mysteriously attractive or fascinating.
Spell - a series of words that has magical powers.
Appeal - the quality of being attractive or interesting.

Sol.74.(b) Water leakage was thought to be a major cause of landslides.
'Leakage', 'thought' and 'landslides' are the correct spellings.

Sol.75.(a) I am shocked as I saw her
The past form(V_2) of the verb should be used as the word 'yesterday' indicates past tense. Hence, 'I was shocked(V_2) as I saw her' is the most appropriate answer.

Sol.76.(c) moment
The phrase 'for a moment' is used to describe a brief period of time. The given passage states that for a moment, Nicole stood looking down at the Mediterranean. Hence, 'moment' is the most appropriate answer.

Sol.77.(b) nothing
'Even' also means 'in spite of' and is used to say something contrary to the expectation has happened.
The given passage states that in spite of her tireless hands, there was nothing to do with that. Hence, 'nothing' is the most appropriate answer.

Sol.78.(a) carrying
Carrying means holding something in one's hands. The given passage states that Dicken came out of his one-room house carrying a telescope and looked east toward Cannes. Hence, 'carrying' is the most appropriate answer.

Sol.79.(d) whereupon
'whereupon' is used to show that one action immediately follows another.. The given sentence states Dicken's action of disappearing into his house and coming out with a megaphone happened immediately after Nicole appeared in his field of vision. Hence, 'whereupon' is the most appropriate answer.

Sol.80.(c) excitement
We use 'and / or / but' to connect two similar parts of speech. Here, 'and' connects two words and one word is a noun(urgency). So, the other word will be 'excitement' which is a noun. Hence, 'excitement' is the most appropriate answer.

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SSC GD Constable
29/02/2024 (3rd Shift)

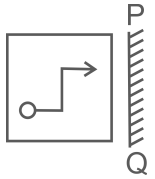
Reasoning

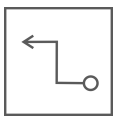
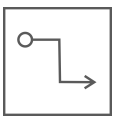
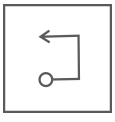
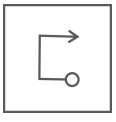
Q.1. Arrange the given words in the same order in which they appear in the English dictionary.
1. Liberal 2. Libra 3. Library
4. Libel 5. Liability
(a) 4, 5, 2, 1, 3 (b) 5, 4, 1, 3, 2
(c) 5, 4, 1, 2, 3 (d) 4, 5, 1, 2, 3

Q.2. In a certain code language, 'LAPTOP' is written as 'MZQSPO'. How will 'KILLED' be written in that code language ?
(a) LHMKFD (b) LHMKFC
(c) LHMLFC (d) LHNKFC

Q.3. In the following question, three statements are given followed by two conclusions numbered I and II. Assuming the given statements to be true, even if they seem to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.
Statement I: All mathematicians are logical thinkers.
Statement II: Some logical thinkers are scientists.
Statement III: Some scientists are fools.
Conclusion I: Some scientists are not fools.
Conclusion II: Some logical thinkers are not scientists.
(a) Neither conclusion I nor II follows
(b) Both conclusion I and II follow
(c) Only conclusion I follows
(d) Only conclusion II follows

Q.4. Select the correct mirror image of the given figure which will be formed when mirror PQ is placed on the right side of the figure.



(a) 
(b) 
(c) 
(d) 

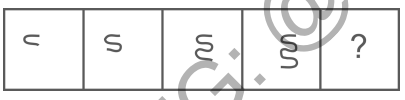
Q.5. In a certain code language, 'MOUSE' is written as 'M1521S5', 'ELEPHANT' is written as '5L5PH1NT', then how will 'TIGER' be written in the same code language ?
(a) T9G5R (b) TI9518
(c) TGG5R (d) T995R

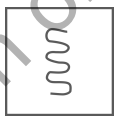
Q.6. Which two numbers in the given options should be interchanged to make the following equation correct ?
9 ÷ 3 + 1 × 7 - 4 = 0
(a) 1 and 0 (b) 4 and 7
(c) 3 and 4 (d) 9 and 7

Q.7. From the following options select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
India : New Delhi : : Bangladesh : Dhaka : France : ?
(a) United Kingdom (b) Budapest
(c) Paris (d) New York

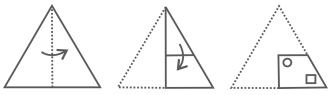
Q.8. In the following question, select the missing number from the series from the given options.
750, 715, 680, 645, 610, ?
(a) 574 (b) 575 (c) 570 (d) 573

Q.9. Select the figure from the given options which can be placed at the place of question mark (?) in the given figure series.



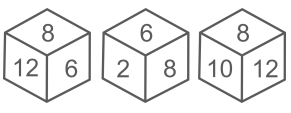
(a) 
(b) 
(c) 
(d) 

Q.10. A paper is folded and cut as shown below. How will it look when opened ?



(a) 
(b) 
(c) 
(d) 

Q.11. Three different positions of the same dice are given below. What will come on the face opposite to the face with number '2' ?



(a) 8 (b) 6 (c) 12 (d) 10

Q.12. In the following question, select the related letters from the given alternatives.
DQMZ : FSOB : : AGHL : ?
(a) NSMT (b) PUSX (c) CIJN (d) ZOPB

Q.13. Eight teachers Jatin, Abhi, Gopal, Heena, Isha, Rohit, Kajal and Leela are sitting around a circular table facing outwards from the centre (but not necessarily in the same order). Abhi sits second to the left of Heena. Rohit is sitting third from the right of Heena. Gopal is sitting second from the right of Jatin. Rohit sits second to the left of Jatin. Kajal sits third from the left of Isha. Who is sitting immediate left of Gopal ?
(a) Kajal (b) Rohit (c) Heena (d) Abhi

Q.14. Which two signs in the given options should be interchanged to make the following equation correct ?
10 - 2 ÷ 4 + 6 × 3 = 19
(a) × and ÷ (b) + and -
(c) = and × (d) - and ÷

Q.15. If A + B means A is the wife of B, A × B means A is the father of B, A ÷ B means A is the mother of B, A $ B means A is the brother of B and A - B means A is the sister of B.
If P ÷ D $ B + H × T - M then, how is H related to D ?
(a) sister's husband (b) sister
(c) father (d) brother

Q.16. A series is given below with one term missing. Choose the option from the given options that will complete the series.
NRT, OSU, PTV, QUW, ?
(a) RXM (b) RVX (c) PQR (d) MHD

Q.17. Select the figure from the given options which can be placed at the place of question mark (?) in the given figure series.



(a) 
(b) 
(c) 
(d) 

Q.18. Select the missing number from the given series from the following options.
5, 48, 7, 44, 13, ?
(a) 36 (b) 41 (c) 44 (d) 48

Q.19. Five friends Pooja, Bhavana, Charu, Geeta and Hema are sitting around a circular table facing the centre. Charu is

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not the neighbour of Bhavana. Bhavana sits second from the left of Hema. Geeta is the neighbour of Bhavana and Hema. Who is sitting immediate left of Pooja ?
(a) Charu (b) Hema
(c) Bhavana (d) Geeta

Q.20. Which of the following group of letters when arranged sequentially from left to right will complete the below series ?
xx_yyyyzzzzzxxxyyy_zzzzzxx_yyyyzzzz_
(a) xyxz (b) xyzy (c) yzzy (d) xxyy

General Awareness

Q.21. Around which of the following years did the Green Revolution start in India ?
(a) 1955 (b) 1978 (c) 1948 (d) 1966

Q.22. What is the literacy rate of women in India as per the literacy rate census 2011 ?
(a) 74.04% (b) 65.46%
(c) 39.3% (d) 82.8%

Q.23. In the first seven Five Year Plans, in India, the business sector was characterised by what is generally called a _____ strategy.
(a) Inward and outward trade
(b) Interlocked trade
(c) Inward trade
(d) Outward trade

Q.24. In which year was the Arms Act passed in India ?
(a) 1862 (b) 1868 (c) 1878 (d) 1872

Q.25. In June 2023, the Ministry of _____ recently announced that the Gandhi Peace Prize for 2021 will be awarded to Geeta Press, Gorakhpur.
(a) Finance (b) Tourism
(c) Culture (d) Education

Q.26. Akham Lakshmi Devi received the Sangeet Natak Akademi Award for her contribution to _____ dance.
(a) Odissi (b) Manipuri
(c) Sattriya (d) Kathak

Q.27. Crossover Dribble is primarily associated with _____ .
(a) Badminton (b) Hockey
(c) Basketball (d) Football

Q.28. _____ has announced (September 2022) his new political party 'Democratic Azad Party' and also released the flag of his party.
(a) Rahul Gandhi
(b) Ghulam Nabi Azad
(c) Adhir Ranjan Chowdhury
(d) Mallikarjun Kharge

Q.29. The _____ allows non - government entities to provide national and international space-based communication services.
(a) Internet Governance and Regulation Act, 2019
(b) Information Technology Act, 2000
(c) Indian Space Policy - 2023
(d) Indian Telecom Bill 2023

Q.30. How many vertical columns are there in the modern periodic table ?
(a) 14 (b) 18 (c) 16 (d) 20

Q.31. Which term describes the ability of the Constitution to adapt and grow over time to meet the changing needs of society ?
(a) flexible (b) rigid
(c) semi-federal (d) unswerving

Q.32. Which country hosts the Sultan Azlan Shah Cup ?
(a) Singapore (b) Thailand
(c) Malaysia (d) Myanmar

Q.33. The Legislative branch in India consists of_____Houses of Parliament.
(a) one (b) two (c) five (d) three

Q.34. In September 2023, the _____ unveiled a 12 feet high statue of Father of the Nation Mahatma Gandhi and 'Gandhi Vatika' at Gandhi Darshan in New Delhi.
(a) President of India
(b) Home Minister of India
(c) Defence Minister of India
(d) Prime Minister of India

Q.35. Which of the following correctly matches the persons and their associated musical instruments ?
I. U. Srinivas - Mandolin
II. Bismillah Khan - Shehnai
(a) Neither I nor II (b) Both I and II
(c) Only II (d) Only I

Q.36. Amrit Diwan Cup is related to ____ .
(a) Hockey (b) Basketball
(c) Badminton (d) Boat race

Q.37. A handball match lasts for a total of _____ minutes.
(a) 50 (b) 70 (c) 40 (d) 60

Q.38. Until 1993-94, the estimation of poverty line in India was based on URP data. What is the full form of 'URP' ?
(a) Uniform Research Period
(b) Usual Reference Period
(c) Uniform Reference Period
(d) Usual Research Period

Q.39. _____ is a famous Indian folk dance, performed during the Bihu festival in Assam.
(a) Bardo Chham (b) Bhortal dance
(c) Bihu dance (d) Bagurumba dance

Q.40. Which of the following festivals is related to Gujarat ?
(a) Madai
(b) Bastar Dussehra
(c) Modhera Dance Festival
(d) Mando Festival

Quantitative Aptitude

Q.41. 14 pumps working 8 hours a day can empty a completely filled cistern in 18 days. How many such pumps working 12 hours a day will empty the same cistern in 4 days ?
(a) 35 (b) 38 (c) 24 (d) 42

Q.42. The difference between the compound interest (compounded half-yearly) for 1 year and the simple interest for 1 year on a certain sum lent at 10 percent per annum is Rs 305. What is the amount of money lent ?
(a) Rs. 12000 (b) Rs. 14700
(c) Rs. 122000 (d) Rs. 12500

Q.43. Find the value of
256 ÷ 16 - 34 + 124 ÷ (6 + 12 ÷ 3 - 6) ?
(a) 13 (b) 17 (c) 19 (d) 11

Q.44. Find the value of
48 - 12 ÷ 6 × 3 + 26 ?
(a) 68 (b) 52 (c) 60 (d) 64

Q.45. The numerator of a fraction is increased by 88% and the denominator is increased by 55%. The value of the fraction becomes $\frac{1504}{775}$. What is the original fraction ?
(a) $\frac{5}{8}$ (b) $\frac{7}{2}$ (c) $\frac{2}{7}$ (d) $\frac{8}{5}$

Q.46. If D : E = 3 : 2 and D - E = 9 then Find the value of D + E ?
(a) 40 (b) 45 (c) 47 (d) 44

Q.47. If the diameter of a hemisphere is 63 cm, then what is the volume of the hemisphere ?
(a) 72654.5 cm^3 (b) 69246.5 cm^3
(c) 61324.5 cm^3 (d) 65488.5 cm^3

Q.48. When 32 percent of a number is added to 476, the result is the same number. What is the value of the number?
(a) 800 (b) 700 (c) 500 (d) 750

Q.49. A person lent a certain sum of money on simple interest at the rate of 15 percent per annum and the interest

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received on that sum in 6 years is Rs 800 less than the amount lent. What is the amount lent ?
(a) Rs. 7200 (b) Rs. 6000
(c) Rs. 8000 (d) Rs. 4800

Q.50. A chair is bought for Rs. 1500 and sold at a loss of 25 per cent. What is the selling price of the chair ?
(a) 1225 ₹ (b) 1125 ₹
(c) 1250 ₹ (d) 1175 ₹

Q.51. P sells a laptop to Q at a profit of 50 percent and Q sells it to R at a profit of 60 per cent. What is the ratio of the purchase price of P and R ?
(a) 5 : 12 (b) 12 : 17 (c) 12 : 13 (d) 13 : 5

Q.52. Find the value of
$4200 \div 5 - 210 \times 7 + 21 \times 5$?
(a) - 525 (b) - 1281 (c) - 645 (d) - 635

Q.53. A alone can complete a work in $\frac{20}{3}$ days. A and B together can complete the same work in 5 days. How much time will B take to complete the work alone ?
(a) 22 Days (b) 20 Days
(c) 15 Days (d) 18 Days

Q.54. Which of the following is the smallest number which is multiple of 13, 15, 4, 21 and 2 ?
(a) 2378 (b) 3340 (c) 5460 (d) 1580

Q.55. If a merchant marks the price of an article 50% above the cost price and allows a discount of 30% on the article, then what is his profit percentage ?
(a) 15 percent (b) 5 percent
(c) 10 percent (d) 8 percent

Q.56. A shopkeeper allows a discount of 18% on the marked price of an article such that the selling price becomes ₹574. Find the marked price of the article.
(a) ₹700 (b) ₹850 (c) ₹840 (d) ₹780

Q.57. The ratio of three numbers is 5 : 6 : 7. If the sum of the three numbers is 540, then which is the smallest number among the three numbers ?
(a) 540 (b) 150 (c) 180 (d) 210

Q.58. The average weight of 17 students is 53 kg. After including a new student in the group the average weight increases by 2 kg. What is the weight of the new student ?
(a) 89 kg (b) 93 kg (c) 90 kg (d) 92 kg

Q.59. Aman walks at a speed of 5 km/hr and reaches school 28 minutes late. If he walks at a speed of 8 km/hr, he reaches 35 minutes earlier than the scheduled time. What is the distance from his school to his home ?
(a) 10 km (b) 12 km (c) 16 km (d) 14 km

Q.60. The average runs of a player in 6 matches is 37. How many runs must he score in the next match to make his average 40 ?
(a) 69 (b) 55 (c) 54 (d) 58

English

Q.61. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Have a high fever early in pregnancy may increase the risk of certain birth defects.
(a) in pregnancy may increase the
(b) No error
(c) Have a high fever early
(d) risk of certain birth defects.

Q.62. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
Because you / always look nicest / than anyone.
(a) than anyone. (b) always look nicest
(c) Because you (d) No error

Q.63. Select the incorrectly spelt word from the given sentence.
Her thought of him was vage, nebulous, and taking many forms.
(a) forms (b) thought
(c) nebulous (d) vage

Q.64. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
You will certain pay for what you have done to your mother.
(a) done to your mother.
(b) You will certain
(c) No error
(d) pay for what you have

Q.65. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
A male deer <u>is calling</u> a buck.
(a) is call (b) is called
(c) are calls (d) No improvement

Q.66. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
I had to wake up in the middle of the night to **go to the toilet**.
(a) Answer the call of nature
(b) Lost cause
(c) Break a leg
(d) Spill the beans

Q.67. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The squirrels bury the peanuts <u>beneath the snowy</u>.
(a) No improvement
(b) under the snowier
(c) under the snowiest
(d) under the snow

Q.68. Select the sentence with no spelling errors.
(a) Its emotional and relational benifits are clear.
(b) Its emotional and relational benefits are clear.
(c) Its emotional and relationel benefits are clear.
(d) Its emosional and relational benefits are clear.

Q.69. Select the most appropriate option for the given blank.
We should_____ their directions if we want to reach there.
(a) follow (b) mind (c) obey (d) run

Q.70. Select the most appropriate antonym of the given word.
Naïve
(a) Besotted (b) Confiding
(c) Rookie (d) Expert

Q.71. Choose the word that means the same as the given word.
Preference
(a) Gentle (b) Tendency
(c) Aversion (d) Polar

Q.72. Select the most appropriate antonym of the given word.
Novelty
(a) Stagnation (b) Vintage
(c) Pursue (d) Creation

Q.73. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
The old Adam
(a) A person with orthodox thinking
(b) Beginning of a new journey
(c) The evil or reckless side of human nature
(d) An old strategy in action

Q.74. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
As she woke up, the day seemed different to Rosemary (than the day

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before).
(a) No correction required
(b) from the day before
(c) then the day previous
(d) from the day earlier

Q.75. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Exercise must be <u>combine with</u> a proper diet
(a) combined with (b) No improvement
(c) combined by (d) was combined with

Cloze Test :
Direction :- [Q.76. to Q.80.]
We are seeing other worrying trends. (76)_____ the 1970s, the rate of plastic production has grown (77)_____ than that of any other material. If historic growth trends continue, global (78)_____ of primary plastic is forecasted to reach 1,100 million tonnes by 2050. We have also seen a (79)_____ shift towards single-use plastic products, items that are meant to be thrown (80)_____ after a single short use.

Q.76. (a) Since (b) To (c) For (d) By

Q.77. (a) fasten (b) fast
(c) faster (d) fastly

Q.78. (a) production (b) accommodation
(c) energy (d) substance

Q.79. (a) worrying (b) gloomy
(c) earthy (d) precious-

Q.80. (a) across (b) away
(c) around (d) of

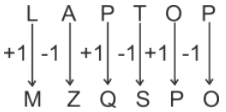
Answer Key :-

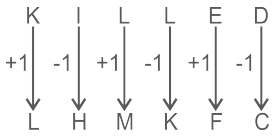
1.(c)	2.(b)	3.(a)	4.(a)
5.(a)	6.(b)	7.(c)	8.(b)
9.(d)	10.(a)	11.(c)	12.(c)
13.(d)	14.(d)	15.(a)	16.(b)
17.(b)	18.(a)	19.(a)	20.(a)
21.(d)	22.(b)	23.(c)	24.(c)
25.(c)	26.(b)	27.(c)	28.(b)
29.(c)	30.(b)	31.(a)	32.(c)
33.(b)	34.(a)	35.(b)	36.(c)
37.(d)	38.(c)	39.(c)	40.(c)
41.(d)	42.(c)	43.(a)	44.(a)
45.(d)	46.(b)	47.(d)	48.(b)
49.(c)	50.(b)	51.(a)	52.(a)
53.(b)	54.(c)	55.(b)	56.(a)
57.(b)	58.(a)	59.(b)	60.(d)

61.(c)	62.(b)	63.(d)	64.(b)
65.(b)	66.(a)	67.(d)	68.(b)
69.(a)	70.(d)	71.(b)	72.(a)
73.(c)	74.(a)	75.(a)	76.(a)
77.(c)	78.(a)	79.(a)	80.(b)

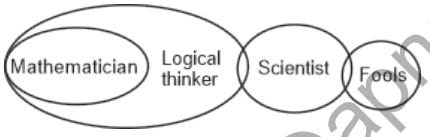
Solutions :-

Sol.1.(c) The correct order is:
Liability(5) → Libel(4) → Liberal(1) → Libra(2) → Library(3)

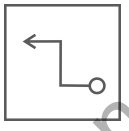
Sol.2.(b)


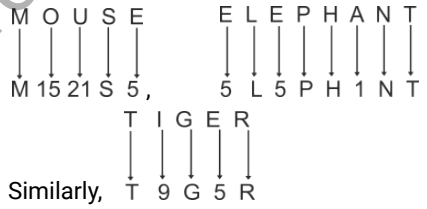


Similarly,

Sol.3.(a)


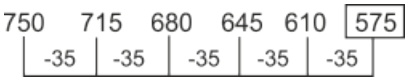
Neither conclusion I nor II follows.

Sol.4.(a)


Sol.5.(a) Logic : Vowels are directly coded as their place value and consonant are kept the same.


Sol.6.(b) Given : 9 ÷ 3 + 1 × 7 - 4 = 0
After checking all the options one by one, only option (b) satisfies. After interchanging 4 and 7, we get:
⇒ 9 ÷ 3 + 1 × 4 - 7 = 0
⇒ 3 + 4 - 7 = 0 ⇒ 0 = 0 ⇒ L.H.S. = R.H.S.

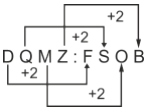
Sol.7.(c) New Delhi is the capital of India and Dhaka is capital of Bangladesh. Similarly, Paris is the capital of France.

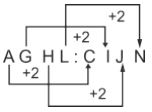
Sol.8.(b)


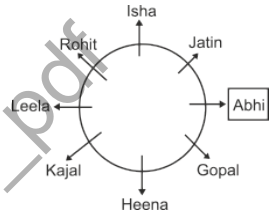
Sol.9.(d)


Sol.10.(a)

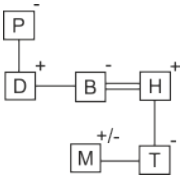

Sol.11.(c) Form dice 2 and 3, the opposite faces are:
2 ↔ 12, 6 ↔ 10.

Sol.12.(c)


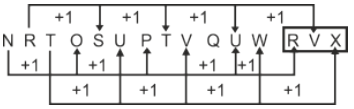
Similarly,


Sol.13.(d)


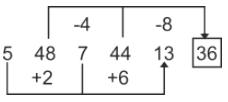
Sol.14.(d) Given : 10 - 2 ÷ 4 + 6 × 3 = 19
After checking all the options one by one , only option (d) satisfies. After interchanging - and ÷, we get:
⇒ 10 ÷ 2 - 4 + 6 × 3 = 19
⇒ 5 - 4 + 18 = 19 ⇒ 19 = 19 ⇒ LHS = RHS

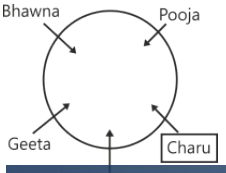
Sol.15.(a)


H is sister's husband of D.

Sol.16.(b)


Sol.17.(b)


Sol.18.(a)


Sol.19.(a)


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Sol.20.(a)
xx**x**yyyyzzzzz/xxxyyy**y**zzzzz/xx**x**yyyyzzzz**z**

Sol.21.(d) 1966. The Green Revolution was initiated by Norman Borlaug in the 1960s, earning him the title of the 'Father of the Green Revolution in the world. In India, M.S. Swaminathan is recognized as the Father of the Green Revolution. The Green Revolution in India was introduced during the third five-year plan, which was implemented from 1961 to 1966. The revolution increased food grain production in Punjab, Haryana, and Uttar Pradesh.

Sol.22.(b) 65.46%. According to the 2011 Census : The literacy rate of India is 74.04%, with a literacy rate of 82.14% among males. Kerala had the highest literacy rate in India followed by Lakshadweep, and Mizoram. Bihar had the lowest literacy rate in India. India's population was 1,210.19 million, with 623.72 million (51.54%) males and 586.46 million (48.46%) females.

Sol.23.(c) Inward trade : Technically, this strategy is called import substitution. This policy aimed at replacing or substituting imports with domestic production. For example, instead of importing vehicles made in a foreign country, industries would be encouraged to produce them in India itself. In this policy the government protected the domestic industries from foreign competition.

Sol.24.(c) 1878. Lord Lytton served as the Viceroy of India from 1876 to 1880. During his tenure, several significant acts were passed. Indian Arms Act (1878): This act made it a criminal offense for Indians to carry arms without a license, while exempting the British. Vernacular Press Act (1878): This act restricted the press in vernacular languages to control the spread of nationalist ideas. Second Afghan War (1878-80): This war was fought to secure British interests in Afghanistan. Queen Victoria's Title: During Lytton's tenure, Queen Victoria was proclaimed Kaiser-i-Hind or Empress of India.

Sol.25.(c) Culture. Gandhi Peace Prize is an annual award instituted by Government of India in 1995, on the occasion of 125th Birth Anniversary of Mahatma Gandhi as a tribute to the ideals espoused by Mahatma Gandhi. The award carries an amount of Rs. 1 crore, a citation, a plaque and an exquisite traditional handicraft / handloom item.

Sol.26.(b) Manipuri. Akham Lakshmi Devi has received the Manipur State Kala Akademi Award in 2010, Nritya Bhushan in 2014 and Sangeet Natak Akademi award in 2018. The Sangeet Natak Akademi is the apex body in the field of performing arts in India and operates as an autonomous body under the Ministry of Culture. It was established on 31 May 1952 by a resolution of the Ministry of Human Resource development. The Akademi was officially inaugurated on 28 January 1953 by the first President of India, Rajendra Prasad.

Sol.27.(c) Basketball. The crossover dribble is a popular move where a player swiftly switches the ball from one hand to the other to evade a defender. There are different types of dribbling in Basketball : Stationary dribble, Low dribble, High dribble, Change of pace dribble, Crossover dribble, Behind the back dribble, Between the legs dribble, Speed dribble, Reverse spin dribble.

Sol.28.(b) Ghulam Nabi Azad : He was the former chief minister of Jammu and Kashmir, leader of the Opposition in the Rajya Sabha and a Union Cabinet minister. The flag of the Democratic Azad Party has three colors: mustard, white, and blue. There are six national parties, including the Bharatiya Janata Party, Bahujan Samaj Party, Communist Party of India (Marxist), Indian National Congress, National People Party, Aam Aadmi Party.

Sol.29.(c) Indian Space Policy - 2023. It is released by Indian Space Research Organisation (ISRO). The vision is to "enable, encourage, and develop a flourishing commercial presence in space," which underscores the recognition that the private sector is a critical stakeholder in the entire value chain of the space economy.

Sol.30.(b) 18. In the modern periodic table, there are 18 vertical columns known as groups and 7 horizontal rows known as periods. The table arranges all known elements according to their increasing atomic number and recurring chemical properties.

Sol.31.(a) flexible. The concept of flexible constitution suggests that the Constitution is not static but evolves and is interpreted in the context of contemporary values and circumstances. Article 368 of the Indian Constitution provides procedure for amendment to adapt the changing needs of Indian society. For example, the 101st Constitutional Amendment Act introduced the Goods and Services Tax (GST), establishing a uniform taxation framework across India. It was the need to create a common national market and ease of doing business to ensure higher economic growth. The Indian Constitution is considered to be both flexible and rigid, or partially flexible and partially rigid.

Sol.32.(c) Malaysia. The Sultan Azlan Shah Cup is an annual international men's field hockey tournament. It began in 1983 as a biennial event and became an annual tournament after 1998, due to its growth and popularity. Other cups related to Hockey: Agha Khan Cup (Hosts: India), Stanley Cup (North America), Major Dhyan Chand trophy (India).

Sol.33.(b) two. In India, the Legislature of the Union, known as Parliament, consists of the President and two Houses: the Council of States (Rajya Sabha) and the House of the People (Lok Sabha).

Sol.34.(a) President of India. A statue of Mahatma Gandhi unveiled at the entrance of the 45-acre Gandhi Darshan complex, located near his memorial at Rajghat, where he was cremated.

Sol.35. (b) Both I and II. Persons and their associated musical instruments: Shehnai- Krishna Ram Chaudhary, Ali Ahmad Hussain, Rajendra Prasanna. Mandolin - M Balamurali Krishna, Nagen Dey, Khagen Dey. Flute - Hari Prasad Chaurasia, Pannalal Ghosh. Ghatam - T.H. Vinayakram, E.M. Subramaniam.

Sol.36.(c) Badminton. Trophies and Cups Associated with Sports: Badminton- Uber Cup, Thomas Cup. Hockey - Sultan Azlan Shah Cup, Dhyan Chand Trophy. Basketball- NBA Championship. Boat Racing - Nehru Trophy.

Sol.37.(d) 60. Duration of the Handball game:

Age Group	Playing time with 10 minutes of interval
8–12 yrs	Two halves of 20 minutes
12–16 yrs	Two halves of 25 minutes
16 and above	Two halves of 30 minutes

Sol.38.(c) Uniform Reference Period: Upto 1993-94, the poverty line was based

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on URP data, which involved asking people about their consumption expenditure over a 30-day recall period. From 1999-2000 onwards, the NSSO switched to an **Mixed Reference Period** (MRP) method which measures consumption of five low-frequency items (clothing, footwear, durables, education and institutional health expenditure) over the previous year, and all other items over the previous 30 days.

Sol.39.(c) Bihu dance. The Bihu Festival is celebrated thrice in Assam: in mid-April, mid-January, and the last week of October. The Bihu dance was developed by the Bodo-Kachari tribal community of Assam. Indian States and Folk Dances: Assam - Bagurumba dance, bhortal dance Bichhua, Kaligopal. Arunachal Pradesh - Bardo Chham, Ponung, Popir. Bihar- Jata-Jatin, Bidesia.

Sol.40.(c) The 'Modhera Dance Festival' is held every year during the third week of January. The festival takes place annually after Uttarayan at the Modhera temple, which is dedicated to the Sun God and venerates the rotational cycle of the Earth around the Sun. Festivals of India: Gujarat - Kutch Rann Utsav, Uttarayana. Chhattisgarh- Madai, Bastar Dussehra. Goa - Sunburn festival, Ladain, Mando.

Sol.41.(d) Let the number of pumps be x
According to question,
$\Rightarrow 14 \times 8 \times 18 = x \times 12 \times 4$
$\Rightarrow x = 42$ pumps

Sol.42.(c) Effective rate of C.I for 1 year (half yearly) $= 5 + 5 + \frac{5 \times 5}{100} = 10.25\%$
Rate of S.I for 1 year = 10%
According to question,
$\Rightarrow (10.25 - 10)\% = 305 \Rightarrow 0.25\% = 305$
$\Rightarrow 100\% = 305 \times \frac{100}{0.25} = ₹\ 122000$

Sol.43.(a)
$256 \div 16 - 34 + 124 \div (6 + 12 \div 3 - 6)$
$= 16 - 34 + 124 \div (6 + 4 - 6)$
$= 16 - 34 + 31 = 13$

Sol.44.(a) $48 - 12 \div 6 \times 3 + 26$
$= 48 - 6 + 26 = 68$

Sol.45.(d) Let the fraction be $\frac{x}{y}$
According to the question,
$$\Rightarrow \frac{x \times \frac{188}{100}}{y \times \frac{155}{100}} = \frac{1504}{775}$$
$$\Rightarrow \frac{x}{y} = \frac{1504}{775} \times \frac{155}{188} = \frac{8}{5}$$

Sol.46.(b) Let the D and E be $3x$ and $2x$ respectively,
According to the question,
D - E = 9
$\Rightarrow 3x - 2x = 9 \Rightarrow x = 9$
So, D = 27 and E = 18
Now,
D + E = 27 + 18 = 45

Sol.47.(d)
Volume of the hemisphere $= \frac{2}{3}\pi r^3$
$= \frac{2}{3} \times \frac{22}{7} \times \frac{63}{2} \times \frac{63}{2} \times \frac{63}{2}$
$= 65488.5\ cm^3$

Sol.48.(b)
Let the value of the number be x
According to question,
$\Rightarrow x \times 32\% + 476 = x$
$\Rightarrow 476 = x - \frac{x \times 32}{100}$
$\Rightarrow 476 = \frac{68x}{100} \Rightarrow x = \frac{476 \times 100}{68} = 700$

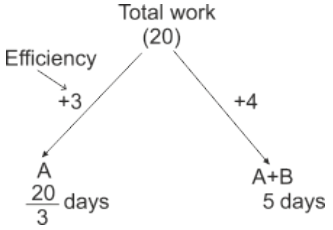
Sol.49.(c) Let the lent money be P
According to question,
$\Rightarrow P - \frac{P \times 15 \times 6}{100} = 800$
$\Rightarrow \frac{100P - 90P}{100} = 800$
$\Rightarrow 10P = 80000 \Rightarrow P = ₹\ 8000$

Sol.50.(b) C.P of 1 chair = ₹ 1500
According to question,
S.P. of 1 chair = $₹\ 1500 \times \frac{3}{4} = ₹\ 1125$

Sol.51.(a) Let the CP of P = 100
According to question,
$\Rightarrow$ CP of Q = 100 × 150% = 150
$\Rightarrow$ CP of R = 150 × 160% = 240
So,
Required ratio of P and R
= 100 : 240 = 5 : 12

Sol.52.(a) $4200 \div 5 - 210 \times 7 + 21 \times 5$
$= 840 - 1470 + 105 = -525$

Sol.53.(b)



Efficiency of B = 4 - 3 = 1
Therefore, time taken by B
$= \frac{20}{1} = 20$ days

Sol.54.(c)
LCM of (13, 15, 4, 21, 2) = 5460

Sol.55.(b) Let cost price of item be 100
According to question,
Marked price of one item = 150
And, SP of one item $= 150 \times \frac{7}{10} = 105$
Then, required profit = 5 percent

Sol.56.(a) Let the Marked price be x
According to question,
$\Rightarrow x \times \frac{41}{50} = 574 \Rightarrow x = 574 \times \frac{50}{41} = ₹700$

Sol.57.(b)
Let the numbers be $5x$, $6x$, and $7x$
According to question,
$\Rightarrow 5x + 6x + 7x = 540$
$\Rightarrow 18x = 540 \Rightarrow x = 30$
Now, the smallest number
$= 5x = 5 \times 30 = 150$

Sol.58.(a) According to question,
Total sum of weight of 17 students
$= 17 \times 53 = 901$ kg
When 1 student join the group then average = 53 + 2 = 55 kg
Total sum of weight of 18 students
$= 18 \times 55 = 990$ kg
New student's weight = 990 - 901 = 89 kg
Short trick :-
Required weight = 53 + 2 × (17 + 1)
= 53 + 36 = 89 kg

Sol.59.(b) Before : After
Ratio of speed = 5 : 8
Ratio of time = 8 : 5
According to question,
$\Rightarrow$ 3 unit = 28 + 35 = 63 minutes
$\Rightarrow$ 1 unit = 21 minutes
$\Rightarrow$ 8 unit = 168 minutes
Distance $= 5 \times \frac{168}{60} = 14$ km

Sol.60.(d)
Average runs of 6 matches = 37
Total runs of 6 matches = 37 × 6 = 222
Total runs of 7 matches = 40 × 7 = 280
Runs required for next match
= 280 − 222 = 58
Short trick :-
Required run = 37 + 3 × (6 + 1)
= 37 + 21 = 58

Sol.61.(c) Have a high fever early
We need to use a Gerund(V_{ing}) instead of the base form 'have' as Gerund can be used as the subject of a sentence. Hence, 'having(V_{ing}) a high fever early' is the most appropriate answer.

Sol.62.(b) always look nicest
When comparing two things using 'than', the comparative form of the adjective should be used. The comparative form of 'nice' is 'nicer.' Hence, 'always look nicer' is the most appropriate answer.

Sol.63.(d) vage

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'Vague' is the correct spelling.

Sol.64.(b) You will certain
The given sentence needs the adverb(certainly) to modify the verb 'pay', not the adjective 'certain'. Hence, 'You will certainly' is the most appropriate answer.

Sol.65.(b) is called
The given sentence is an example of passive voice of simple present tense and the subject 'a male deer' is singular. 'Singular Sub. + is + V_3' is the grammatically correct structure for it. Hence, 'is called' is the most appropriate answer.

Sol.66.(a) Answer the call of nature- go to the toilet.

Sol.67.(d) under the snow
A preposition is generally followed by a noun, pronoun or gerund. 'Snow' is the noun form of 'snowy'. Hence, 'under the snow' is the most appropriate answer.

Sol.68.(b) Its emotional and relational benefits are clear.
'Emotional', 'relational' and 'benefits' are the correct spellings.

Sol.69.(a) follow
'Follow' means to move forward along a path. The given sentence states that we should follow their directions if we want to reach there. Hence, 'follow' is the most appropriate answer.

Sol.70.(d) Expert- a person with a high level of knowledge or skill.
Naive- showing lack of experience or knowledge.
Besotted- loving somebody so much that you do not behave in a sensible way.
Confiding- tell someone about a secret or private matter while trusting them not to repeat it to others.
Rookie- someone who has just started doing a job and does not have much experience.

Sol.71.(b) Tendency- likely to behave or act in a particular way
Preference- an interest in or desire for one thing more than another.
Gentle- not strong or violent.
Aversion- a strong feeling of not liking somebody/something.
Polar- used to describe things which are completely opposite in character, quality, or type.

Sol.72.(a) Stagnation- a state in which growth or development stops.
Novelty- the quality of being new and unusual.
Vintage- the time that something of quality was produced.
Pursue- to continue to do something over a period of time.
Creation- the act or process of making, producing, or building something.

Sol.73.(c) The old Adam- the evil or reckless side of human nature.
E.g.- Even after years of discipline, the old Adam showed up when he lost his temper during the argument.

Sol.74.(a) No correction required
The given sentence is grammatically correct.

Sol.75.(a) combined with
The given sentence is in the passive voice and 'must + be + V_3' is the correct grammatical structure for it. Hence, 'combined(V_3) with' is the most appropriate answer.

Sol.76.(a) Since
'Since' is used to indicate the point of time when something started. Similarly, the given passage mentions the rate of growth of plastic production since the 1970s. Hence, 'since' is the most appropriate answer.

Sol.77.(c) faster
We use 'than' with the comparative degree to make a comparison. The comparative degree of 'fast' is 'faster. Hence, 'faster' is the most appropriate answer.

Sol.78.(a) production
'Production' means the action of making or manufacturing from components or raw materials. The given passage states that if historic growth trends continue, global production of primary plastic is forecasted to reach 1,100 million tonnes by 2050. Hence, 'production' is the most appropriate answer.

Sol.79.(a) worrying
'Worrying' means causing anxiety about actual or potential problems. The given passage states that we have also seen a worrying shift towards single-use plastic products. Hence, 'worrying' is the most appropriate answer.

Sol.80.(b) away
'Thrown away' means to dispose of something. The given passage states that single-use plastic products are items that are meant to be thrown away after a single short use. Hence, 'away' is the most appropriate answer.

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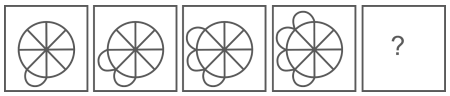
SSC GD Constable
29/02/2024 (4th Shift)

Reasoning

Q.1. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I: Some A are B.
Statement II: Some B are K
Statement III: All K are J.
Conclusion I: Some B are J.
Conclusion II: Some A are J.
(a) Only conclusion I follows
(b) Neither conclusion I nor II follows
(c) Both conclusions I and II follow
(d) Only conclusion II follows

Q.2. By Interchanging the given two numbers which of the following equations will be not correct ?
4 and 7
(a) 4 × 2 + 7 - 3 = 15 (b) 4 ÷ 2 + 3 + 7 = 6
(c) 7 - 4 + 9 = 6 (d) 7 + 2 - 4 × 3 = -15

Q.3. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.4. If A + B means A is the wife of B, A × B means A is the father of B, A ÷ B means A is the mother of B, A $ B means A is the brother of B and A - B means A is the sister of B.
IF P ÷ D $ B + H × T - M, then how is P related to H ?
(a) Wife's sister (b) Sister
(c) Mother (d) Wife's mother

Q.5. In the following question, select the related letters from the given alternatives.
XY : WW : : JM : ?
(a) GZ (b) RU (c) MZ (d) IK

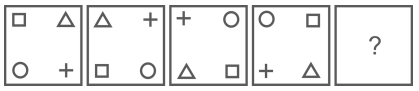
Q.6. Three positions of a dice are given below. What will come on the face opposite to the face containing 'X' on it ?

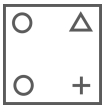


(a) U (b) Y (c) C (d) A

Q.7. Five friends Oliver. Penny, Quin, Ryan, and Sophie are sitting on a circular table facing the center. Oliver is sitting to the immediate right of Penny. Ryan is sitting exactly between Quin and Sophie. Sophie is not a neighbour to Penny. Who is sitting to the immediate right of Quin ?
(a) Sophie (b) Ryan (c) Oliver (d) Penny

Q.8. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.9. In the following question, select the missing number from the given series.
3, 14, ?, 16, -1, 18, -3
(a) 1 (b) 2 (c) 3 (d) 0

Q.10. Select the option that is related to the third word in the same way as the second word is related to the first word.
Sydney : Australia : : Toronto : ?
(a) United States (b) Canada
(c) United Kingdom (d) New Zealand

Q.11. Which of the following letter cluster will replace the blank (____) in the given series ?
SNTO, UNVO, WNXO,_____, ANBO
(a) DUNO (b) UNZO (c) YNZO (d) DUNZ

Q.12. Six family members Lila, Max, Nora, Oliver, Penny, and Quinn are seated at a circular table facing each other. Max is to the immediate left of Quinn, and Lila is second to the left of Max. Nora is second to the left of Penny. Who sits exactly between Quinn and Nora ?
(a) Max (b) Penny (c) Oliver (d) Lila

Q.13. Which of the following letter will replace the question mark (?) in the given series ?
?, N, K, H, E, B
(a) R (b) Q (c) P (d) O

Q.14. Which two numbers should be interchanged to make the given equation correct ?
10 - 26 + 12 × 20 ÷ 5 = 18
(a) 18 and 10 (b) 12 and 18
(c) 12 and 26 (d) 10 and 20

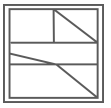
Q.15. In a certain code language, if SIXTEEN is coded as '10', NINE is coded as '7', then what will 'EIGHT' be coded as?
(a) 7 (b) 9 (c) 8 (d) 6

Q.16. In a certain code language, 'CHARGE' is coded as 'GHTBJD'. What is the code for 'CIRCLE' in that code language ?
(a) GMESKD (b) GEMSKD
(c) GMESKE (d) GMSEKD

Q.17. Arrange the given words in alphabetical order:
1. PARALLEL 2. PARADISE
3. PARAGRAPH 4. PARALLELISM
5. PARASITE
(a) 3, 1, 4, 2, 5 (b) 2, 1, 4, 3, 5
(c) 2, 3, 4, 5, 1 (d) 2, 3, 1, 4, 5

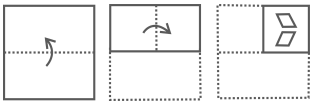
Q.18. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is NOT allowed)

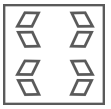
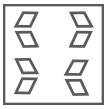
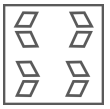


(a) 
(b) 
(c) 
(d) 

Q.19. Which of the following numbers will replace the question mark (?) in the given series ?
6, 12, 24, 48, ?, 192
(a) 72 (b) 81 (c) 64 (d) 96

Q.20. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened?



(a) 
(b) 
(c) 
(d) 

General Awareness

Q.21. Which city hosted the 2022 Commonwealth Games ?
(a) Durban (b) New Delhi
(c) Birmingham (d) Gold coast

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Q.22. As of October 2023, who is the central vigilance commissioner of India?
(a) Pradeep Kumar
(b) Praveen Kumar Srivastava
(c) H. J. Dora
(d) Suresh N Patel

Q.23. The Census of 1881 which was undertaken on 17th February, 1881 by_____.
(a) H. Beverley (b) James Prinsep
(c) J. A. Bains (d) W.C. Plowden

Q.24. Prime Minister Narendra Modi inaugurated the National Sickle Cell Anemia Elimination Mission 2047 in Lalpur village of _____(July 2023).
(a) Madhya Pradesh
(b) Bihar
(c) Uttar Pradesh
(d) Himachal Pradesh

Q.25. The _____ repeals the Indian Penal Code, 1860 (IPC).
(a) The Criminal Code Abolition Bill
(b) Bharatiya Nyaya Sanhita Bill
(c) The Legal Reforms Amendment Act
(d) The Indian Judiciary Act

Q.26. In India, the Green Revolution was mainly led by_____.
(a) John Norman (b) M.S. Swaminathan
(c) M. D. Swami (d) Radhakrishnan

Q.27. During the ancient period in India, the term "sandhi-vigrahika' was used to refer to which of the following
(a) Minister of war and peace
(b) Highest Punishment
(c) Chief craftsman
(d) Chief judicial officer

Q.28. Who established India's first girl's school ?
(a) Vijay Lakshmi Pandit
(b) Savitribai Phule
(c) Usha Mehta
(d) Sarojini Naidu

Q.29. In which Indian state is the 'International Lusophone Festival' hosted?
(a) Kerala (b) Goa
(c) Rajasthan (d) Maharashtra

Q.30. The Office of the Registrar General and Census Commissioner comes under which of the following ministries of Government of India
(a) Ministry of Commerce and Industry
(b) Ministry of Home Affairs
(c) Ministry of Statistics and Program Implementation
(d) Ministry of Labour and Employment

Q.31. Which of the following is the time period of the Tenth Five Year Plan ?
(a) 2007-2012 (b) 1997-2002
(c) 2002-2007 (d) 2012-2017

Q.32. Pt. Ravi Shankar, Shahid Parvez Khan, Budhaditya Mukherjee, Anushka Shankar, are associated with_____.
(a) guitar (b) sitar (c) flute (d) sarod

Q.33. The legendary Kuchipudi dancer Dr. Raja Reddy referred to one of the following as a 'Kaliyuga Satyabhama" ?
(a) Geeta Mahalik (b) Kanak Rele
(c) Mayak Rao (d) Sobha Naidu

Q.34. This legendary Kathak dancer, known for his innovative and modern approach to the dance form, is often referred to as the "Emperor of Kathak." Who is he ?
(a) Kelucharan Mohapatra
(b) Uday Shankar
(c) Balasaraswati
(d) Birju Maharaj

Q.35. The _____ of a firm during a year = production of the firm during the year-sale of the firm during the year.
(a) opening stock
(b) change in inventories and working capitals
(c) closing stock
(d) change of inventories

Q.36. A handball team consists of_____ players.
(a) 7 (b) 4 (c) 6 (d) 5

Q.37. Which team won the Sultan of Johor Cup 2023 ?
(a) Germany (b) Pakistan
(c) Australia (d) India

Q.38. India, also known as Bharat, is a:
(a) Union of states (b) Federal of states
(c) Union of country (d) Union of World

Q.39. The Indian Constitution guarantees Universal Adult Franchise for all its_____.
(a) citizens
(b) tax payers
(c) educated people
(d) citizen and non-citizens

Q.40. Which of the following elements is a part of the P block of the periodic table?
(a) Rhodium (b) Hydrogen
(c) Oxygen (d) Silver

Quantitative Aptitude

Q.41. Simple interest on a sum for 5 years is equal to 25 percent of the principal. In how many years interest will be equal to the principal ?
(a) 16 years (b) 18 years
(c) 20 years (d) 25 years

Q.42. Average of 9 consecutive natural numbers is 51. What is the smallest number among these numbers ?
(a) 53 (b) 47 (c) 67 (d) 49

Q.43. By selling an article for ₹ 2352, one gains ₹ 752. What is the gain percent ?
(a) 41% (b) 47% (c) 33% (d) 35%

Q.44. The length of the longest rod that can be placed in a cubical room is $50\sqrt{3}$ cm. What is the volume of the cube ?
(a) 300000 cm^3 (b) 125000 cm^3
(c) 175000 cm^3 (d) 250000 cm^3

Q.45. What is the smallest perfect square which is divisible by both 12 and 5 ?
(a) 4900 (b) 2500 (c) 900 (d) 3600

Q.46. C and D together can complete a work in 40 days. C is 40 percent more efficient than D. C alone can complete the same work in how many days ?
(a) $\frac{470}{7}$ days (b) $\frac{480}{11}$ days
(c) $\frac{480}{7}$ days (d) $\frac{460}{9}$ days

Q.47. If 63 percent of v = 36 percent of 238, then what is the value of v ?
(a) 116 (b) 146 (c) 136 (d) 126

Q.48. What is the value of
$\frac{512}{8} \times (\frac{2401}{49} - \frac{88}{11}) + \frac{2197}{169}$?
(a) 2647 (b) 2547 (c) 2637 (d) 2537

Q.49. The cost of manufacture of a tape recorder is ₹3500. The manufacturer fixes the marked price 30% above the cost price and allows a discount in such as to get a profit of 5%. Find the discount percentage.
(a) 17.5% (b) 19.23%
(c) 15.14% (d) 21.15%

Q.50. If the ratio of marked price and selling price of an article is 3 : 2, then what is the discount percentage ?
(a) 100 percent (b) 33.33 percent
(c) 50 percent (d) 75 percent

Q.51. Raj is 20 percent less efficient than Rahul. If Rahul can make a computer in 20 days, then Raj can make the same computer in how many days ?
(a) 27 days (b) 35 days
(c) 30 days (d) 25 days

Q.52. The difference between the compound interest (compounding

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annually) and simple interest on a sum at the rate of 50 percent per annum for 2 years is Rs. 7200. What is the sum ?
(a) Rs. 28800 (b) Rs. 28500
(c) Rs. 25700 (d) Rs. 24900

Q.53. 32 kg of sugar costing Rs. 24 per kg is mixed with 24 kg of sugar costing Rs. 31 per kg. What is the cost of the mixture ?
(a) Rs. 26/kg (b) Rs. 31/kg
(c) Rs. 29/kg (d) Rs. 27/kg

Q.54. A man travelled four equal distances of 7 km at the speeds of 8 km/hr, 16 km/hr, 24 km/hr and 32 km/hr respectively. What is his average speed ?
(a) $\frac{374}{25}$ km/hr (b) $\frac{396}{25}$ km/hr
(c) $\frac{352}{25}$ km/hr (d) $\frac{384}{25}$ km/hr

Q.55. Ankit sells a chair at a loss of 25 percent. If he sells it for Rs. 900 more, then he earns a profit of 5 percent. What should be the selling price of the chair to earn a profit of 40 percent ?
(a) Rs. 4500 (b) Rs. 4800
(c) Rs. 4000 (d) Rs. 4200

Q.56. If the sum of two quantities is equal to six times their difference, then find the ratio of the two quantities.
(a) 7 : 5 (b) 3 : 7 (c) 4 : 9 (d) 5 : 2

Q.57. What is the value of
$(\frac{133}{7} + \frac{91}{13} - \frac{216}{36}) + (\frac{209}{11} - \frac{96}{16} + \frac{45}{5})$?
(a) 32 (b) 72 (c) 52 (d) 42

Q.58. The product of the two numbers is 4107. If the HCF of these numbers is 37, then find the greater number.
(a) 94 (b) 74 (c) 111 (d) 80

Q.59. Four numbers are in the ratio of 7 : 8 : 9 : 10. Sum of these number is 68. What will be the sum of the first and fourth number ?
(a) 68 (b) 38 (c) 34 (d) 36

Q.60. If price of papaya is increased by 40 percent, then by what percentage consumption of papaya should be decreased so that the expenditure incurred on papaya gets decreased by 10 percent ?
(a) 32.7 percent (b) 35.7 percent
(c) 36.7 percent (d) 38.7 percent

English

Q.61. Select the incorrectly spelt word from the given sentence.
At this important junctur, we asked several experts from different fields what their burning question about the coronavirus is
(a) question (b) burning
(c) fields (d) junctur

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Hina is a best girl and knows how to manage everything.
(a) to manage everything
(b) No error
(c) Hina is a best girl
(d) and knows how

Q.63. Choose the word that means the same as the given word.
Fascinate
(a) Impel (b) Insure (c) Inspire (d) Entice

Q.64. Choose the most appropriate antonym of the underlined word.
Google wants to make sure that the information it suggests is **authentic** and comes from the experts in that niche.
(a) Accurate (b) Factual
(c) Corrupt (d) Pure

Q.65. Replace the bracketed word with one of the given options, which suitably replaces the word without changing the meaning of the sentence:
As with all new technologies, costs are expected to fall as the products become more (ubiquitous).
(a) scarce (b) limited
(c) pervasive (d) elusive

Q.66. Choose the word that is opposite in meaning to the given word.
Plea
(a) Answer (b) Appeal (c) Suit (d) Pure

Q.67. Select the most appropriate word to fill in the blank.
A _____ table discussion took place between the heads of states.
(a) circle (b) round
(c) centre (d) rounded

Q.68. What does the idiom "barking up the wrong tree" mean ?
(a) Something good that isn't recognized at first.
(b) Being upset for something that happened in the past.
(c) Having something that is certain is much better than taking a risk for more, because chances are you might lose everything.
(d) Pursuing the wrong course of action or making a mistaken assumption

Q.69. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The circumstances surrounding many custody disputes had have changed drastically in the past week.
(a) custody disputes had have changed
(b) The circumstances surrounding many
(c) drastically in the past week.
(d) No error

Q.70. Select the most appropriate word to fill in the blank.
My best friend always_____ to me and is so non-judgmental.
(a) listening (b) listen
(c) listens (d) listener

Q.71. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/ words.
(a) His life had reduced itself to the functions of weaving and hoarding, without any contemplation of an end toward which the functions tended.
(b) When Abe's car pulled up ahead of them the east was crayoned red and yellow, promising a sultry day.
(c) I knew he would take an interest in this kind of business, and throw in the fancy touches.
(d) I resisted all the way: a circumstance which grately strengthend the bad opinion Bessie and Miss Abbot were disposed to entertain of me.

Q.72. Fill in the blank with the most appropriate option.
The reaction came when he realized the waste and extravagance_____.
(a) hooked (b) participated
(c) involved (d) caught

Q.73. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The team didn't noticed any side effects in their vaccinated mice.
(a) No error
(b) The team didn't noticed
(c) any side effects
(d) in their vaccinated mice.

Q.74. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
She is **listening with full attention** whenever there is a mention of her favourite hero.
(a) Beat around the bush
(b) Run out of steam
(c) Break a leg
(d) All ears

Q.75. Fill in the blank with the most appropriate option.
The _____ are broken now, it seems they

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won't reunite.
(a) cored (b) chords (c) cords (d) core

Cloze Test :
Direction :- [Q.76. to Q.80.]
Since so much of our lives are digital today, such spyware attacks are (76)_____ malicious and disruptive. This is precisely why there is a (77)_____ need for strong data protection and privacy architectures across the world. In fact, data protection and privacy (78)_____ to be recognised as core, non-negotiable values. The Supreme Court in India has recognised privacy as a fundamental right. (79)_____the government's personal data protection bill introduced in Parliament leaves (80)_____ to be desired.

Q.76. (a) mainly (b) highly
(c) largely (d) usually

Q.77. (a) great (b) highly
(c) largely (d) big

Q.78. (a) needs (b) wants
(c) need (d) want

Q.79. (a) So (b) Such (c) Yet (d) Through

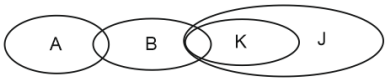
Q.80. (a) a lot (b) might (c) very (d) so

Answer Key :-

1.(a)	2.(b)	3.(a)	4.(d)
5.(d)	6.(b)	7.(d)	8.(c)
9.(a)	10.(b)	11.(c)	12.(c)
13.(b)	14.(d)	15.(c)	16.(a)
17.(d)	18.(d)	19.(d)	20.(a)
21.(c)	22.(b)	23.(d)	24.(a)
25.(b)	26.(b)	27.(a)	28.(b)
29.(b)	30.(b)	31.(c)	32.(b)
33.(d)	34.(d)	35.(d)	36.(a)
37.(a)	38.(a)	39.(a)	40.(c)
41.(c)	42.(b)	43.(b)	44.(b)
45.(c)	46.(c)	47.(c)	48.(c)
49.(b)	50.(b)	51.(d)	52.(a)
53.(d)	54.(d)	55.(d)	56.(a)
57.(d)	58.(c)	59.(c)	60.(b)
61.(d)	62.(c)	63.(d)	64.(c)
65.(c)	66.(a)	67.(b)	68.(d)
69.(a)	70.(c)	71.(d)	72.(c)
73.(b)	74.(d)	75.(c)	76.(b)
77.(a)	78.(c)	79.(c)	80.(a)

Solutions :-

Sol.1.(a)



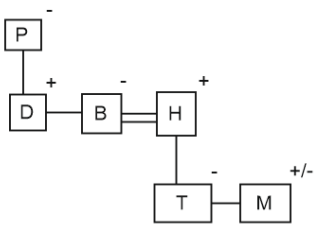
Only conclusion I follows

Sol.2.(b) After going through all the options, option b satisfies.
4 ÷ 2 + 3 + 7 = 6
After interchanging 4 and 7
7 ÷ 2 + 3 + 4 ⇒ 3.5 + 7 = 10.5
L.H.S. ≠ R.H.S.

Sol.3.(a)

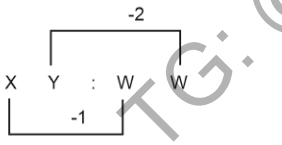


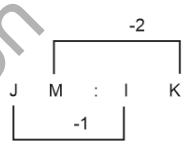
Sol.4.(d)



P is the mother of H's wife.

Sol.5.(d)

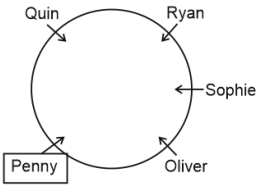




Similarly,

Sol.6.(b) From dice 1st and 3rd the opposite faces are
A ↔ C , U ↔ T , X ↔ Y
Y is the only answer that satisfies the given option.

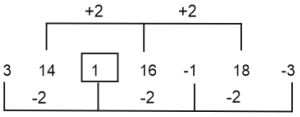
Sol.7.(d)



Sol.8.(c)

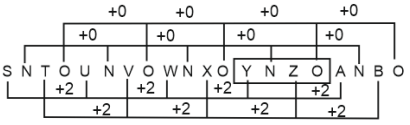


Sol.9.(a)

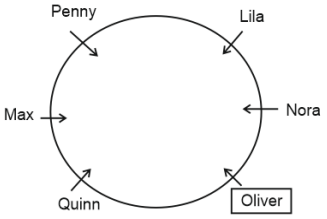


Sol.10.(b) As Sydney is the city of Australia similarly Toronto is the city of Canada.

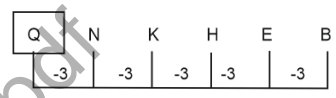
Sol.11.(c)



Sol.12.(c)



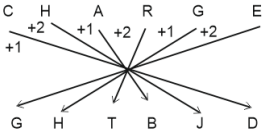
Sol.13.(b)

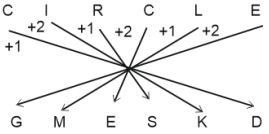


Sol.14.(d)
Given :- 10 - 26 + 12 × 20 ÷ 5 = 18
After going through all the options, option d satisfies. After interchanging 10 and 20 we get
20 - 26 + 12 × 10 ÷ 5
20 - 26 + 12 × 2
20 - 26 + 24 ⇒ 44 - 26 = 18
L.H.S. = R.H.S.

Sol.15.(c) Logic:- (Number of letters) + 3
SIXTEEN :- (7 letters) + 3 ⇒ 7+ 3 = 10
NINE :- (4 Letters) + 3 ⇒ 4 + 3 = 7
Similarly,
EIGHT :- (5 Letters) + 3 ⇒ 5 + 3 = 8

Sol.16.(a)





Similarly,

Sol.17.(d) The correct order is :-
Paradise(2) → Paragraph(3) →Parallel(1) → Parallelism(4) → Parasite(5)

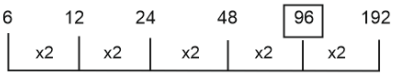
Sol.18.(d)



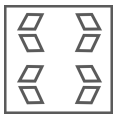
Sol.19.(d)

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Sol.20.(a)



Sol.21.(c) Birmingham (England). In the 2022 Commonwealth, Australia topped the medal table with 179 medals. Motto - 'Games for Everyone'. India placed 4th with 22 gold, 16 silver, and 23 bronze, totaling 61 medals. The 1st Commonwealth Games were held in 1930 in Hamilton, Canada.

Sol.22.(b) Praveen Kumar Srivastava. The Central Vigilance Commission (CVC) is an apex governmental body in India that is responsible for promoting integrity, transparency, and accountability in the country's public administration. It was established in 1964 as a result of the recommendations of the Santhanam Committee on the Prevention of Corruption.

Sol.23.(d) W.C. Plowden. The Census of 1881 was the first to be conducted across the entire Indian subcontinent in a synchronous manner under Lord Ripon. Since then, censuses have been undertaken every ten years. The First Non-synchronous Census was conducted in India in 1872 during the reign of Governor-General Lord Mayo.

Sol.24.(a) Madhya Pradesh. The National Sickle Cell Anemia Elimination Mission (NSAEEM) is an initiative launched by Prime Minister Narendra Modi on July 1, 2023. The mission is being carried out in 278 districts across 17 states with a higher prevalence of sickle cell disease (SCD). Sickle cell anemia is a blood disorder that causes red blood cells to become sickle-shaped and rigid, which can block blood flow and lead to serious complications.

Sol.25.(b) The Bharatiya Nyaya Sanhita (BNS) Bill, was introduced in the Lok Sabha by the Union Government in August 2023 to replace the Indian Penal Code (IPC). The bill was passed by Parliament in December 2023 and went into effect on July 1, 2024. The BNS reduces the number of sections from 511 to 358 and adds 21 new offenses, including hate crimes and mob lynching.

Sol.26.(b) M.S. Swaminathan. The Green Revolution was an initiative led by Norman Borlaug in the 1960s. He is known as the 'Father of Green Revolution' in world. The Green Revolution led to a significant increase in the production of food grains (especially wheat and rice) due to the introduction of new, high-yielding variety seeds in developing countries.

Sol.27.(a) Minister of war and peace. Some terms of ancient India include: Mahadandanayaka (Chief Justice), Mahabaladhi Krita (Commander-in-Chief), Pilupati (Head of Elephants), Asvapati (Head of Horses), Narapati (Head of Foot Soldiers), and Pustapala (Record-Keeper).

Sol.28.(b) Savitribai Phule. She was the first woman teacher of modern India. She opened a school for girls at Bhidewada in Pune in 1848. She published her first collection of poems, Kavyaphule, in 1854, making her the first modern poetess of Marathi.

Sol.29.(b) Goa. The International Lusophone Festival seeks to strengthen India's connection with the Lusophone world (Portugeese-speaking people). Goa has historical ties to the Lusophone world and Portuguese cultural institutions. Famous festivals of Goa : Goa Carnival, Fatorpa Zatra, Three Kings Feast, Easter, Shigmo, Shirgao Jatra, Sao Joao Festival, Sangodd, and Chikalkalo.

Sol.30.(b) Ministry of Home Affairs. The Registrar General and Census Commissioner of India is responsible for organizing, conducting, and analyzing the results of the demographic surveys of India, including the Census of India and the Linguistic Survey of India. The Registrar General and Census Commissioner of India was founded in 1961 by the Ministry of Home Affairs as an organization to conduct demographic surveys in India. The position is typically held by a civil servant with the rank of Joint Secretary.

Sol.31.(c) 2002-2007. The Tenth Five-Year Plan (FYP) set 'monitorable targets' for a few key indicators (11) of development, alongside an 8% growth target. The actual growth was 7.6%. The Eleventh Plan (2007-2012) aimed 'Towards Faster and More Inclusive Growth' with a target growth of 9%, but the actual growth was 8%. The Twelfth FYP (2012-2017) adopted the slogan 'Faster, Sustainable, and More Inclusive Growth.

Sol.32.(b) sitar. Musical Instruments and Their Exponents: Sitar - Shamim Ahmed Khan, Wahid Khan, Nikhil Banerjee, Shahid Parvez; Sarod - Allauddin Khan, Hafiz Ali Khan, Ali Akbar Khan, Radhika Mohan Maitra, Sharan Rani Backliwal; Guitar - Brij Bhushan Kabra, Baiju Dharmajan; Flute - Raghunath Seth, Nityanand Haldipur, Ronu Majumdar, Pt. Rajendra Prasanna, Chetan Joshi.

Sol.33.(d) Sobha Naidu. Awards **:** Sangeet Natak Akademi Award (1991), and Padma Shri (2001). Famous Kuchipudi exponents : Maddali Usha Gayatri, Manju Barggavee, Vedantam Ramalinga Sastry, K. Uma Rama Rao, and Vempati Chinna Satyam.

Sol.34.(d) Birju Maharaj. Awards : Sangeet Natak Akademi Award (1964), Padma Vibhushan (1986), and the National Film Award (2012). Some famous Kathak exponents include Uma Dogra, Shobha Koser, Shama Bhate, Roshan Kumari, Prerana Shrimali, and Kumudini Lakhia.

Sol.35.(d) change of inventories. The stock of unsold finished goods, or semi-finished goods, or raw materials which a firm carries from one year to the next is called inventory. Inventory is a stock variable.

Sol.36.(a) 7. A handball team consists of seven players, but a game can start with at least 5 players on the court. The match lasts 60 minutes, divided into two 30-minute halves. The match is played on a 40m x 20m court. For resin handballs, the circumference ranges from 58-60 cm and the weight is 425-475g for men, while for women, the circumference is 54-56 cm and the weight is 325-375g. For non-resin handballs, the circumference is 55.5-57.5 cm and the weight is 400-425g for men, and for women, the circumference is 51.5-53.5 cm with a weight of 300-325g.

Sol.37.(a) Germany. The 2023 Sultan of Johor Cup was the 11th edition of the tournament. Runner-up - Australia. The Sultan of Johor Cup is an annual international under-21 men's field hockey tournament held in Malaysia. The first edition was held in 2011, with Malaysia emerging as the winner.

Sol.38.(a) Union of states. Article 1 of the Indian Constitution states, 'India, that is Bharat, shall be a Union of States.' India is a Sovereign Socialist Secular Democratic Republic with a parliamentary system of government.

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The Republic is governed in terms of the Constitution of India which was adopted by the Constituent Assembly on 26th November, 1949 and came into force on 26th January, 1950.

Sol.39.(a) citizens. Universal Adult Franchise is the democratic principle that grants every adult citizen the right to vote, regardless of their background. Article 326 - Elections to the House of the People and to the Legislative Assemblies of States shall be based on adult suffrage.

Sol.40.(c) Oxygen. In p-block elements, the last electron enters the outermost p orbital. There are three p orbitals, so the maximum number of electrons that can be accommodated in a set of p orbitals is six. p-block consists of six groups (13 to18). Boron, carbon, nitrogen, oxygen, fluorine, and noble gases head the groups. Rhodium - d-block. Hydrogen - s-block. Silver - d-block.

Sol.41.(c) Let principal = 100
According to the question,
$100 \times \frac{25}{100} = \frac{100 \times R \times 5}{100}$
$25 = 5R \Rightarrow R = 5\%$
Then, interest become 100% = $\frac{100}{5}$
= 20 year

Sol.42.(b)
Let smallest natural number = x
Sum of 9 consecutive natural number
= $(9x + 36)$
According to the question,
$(9x + 36) = 51 \times 9 = 459$
$9x = 459 - 36 \Rightarrow 9x = 423$
Required number (x) = 47

Sol.43.(b)
Cost price = 2352 - 752 = Rs. 1600
Profit % = $\frac{752}{1600} \times 100 = 47\%$

Sol.44.(b) Diagonal of cube = $a\sqrt{3}$
According to the question,
$a\sqrt{3} = 50\sqrt{3}$ cm
Side of cube (a) = 50 cm
Then, volume of cube $(a^3) = 50^3$
= 125000 cm³

Sol.45.(c) LCM (12, 5) = 60
let perfect square = 60n
So, for least perfect square , value of n must be 15
hence, required number = 60 × 15 = 900

Sol.46.(c) According to the question,
Efficiency C : D = 7 : 5
Total work = 40 × (7 + 5) = 480 unit
So, time taken by C to complete the work
= $\frac{480}{7}$ days

Sol.47.(c) According to the question,
$v \times \frac{63}{100} = 238 \times \frac{36}{100}$
$v = \frac{238 \times 36}{63} = 136$

Sol.48.(c) $\frac{512}{8} \times (\frac{2401}{49} - \frac{88}{11}) + \frac{2197}{169}$
$64 \times (\frac{49 \times 49}{49} - \frac{11 \times 8}{11}) + 13$
$64 \times (49 - 8) + 13 \Rightarrow 64 \times (41) + 13$
2624 + 13 = 2637

Sol.49.(b)
Let cost price of tape recorder = 100
Marked price = 100 × 130% = 130
For 5% profit
Selling price = 100 × 105% = 105
Then, discount = 130 - 105 = 25
Hence, required discount % = $\frac{25}{130} \times 100$
= 19.23%

Sol.50.(b) discount % = $\frac{1}{3} \times 100 = 33.33\%$

Sol.51.(d) According to the question,
Efficiency ⇒ Raj : Rahul = 4 : 5
Rahul can make a computer in 20 days
Then, total work = 20 × 5 = 100 unit
So, required time = $\frac{100}{4}$ = 25 days

Sol.52.(a) Formula :-
$(CI - SI)_{2year} = P (\frac{R}{100})^2$
According to the question,
$7200 = P (\frac{50}{100})^2$
$7200 = P (\frac{2500}{10000})$
$P = \frac{10000}{2500} \times 7200 = Rs. 28800$

Sol.53.(d) Cost of mixture
$= \frac{32 \times 24 + 24 \times 31}{32 + 24} = 27/kg$

Sol.54.(d)
Average speed = $\frac{total\ distance}{total\ time}$
According to the question,
Average speed = $\frac{7 + 7 + 7 + 7}{\frac{7}{8} + \frac{7}{16} + \frac{7}{24} + \frac{7}{32}}$
$= \frac{28}{\frac{7 \times 12 + 7 \times 6 + 7 \times 4 + 7 \times 3}{96}} = \frac{28}{\frac{175}{96}}$
$= \frac{28 \times 96}{175} = \frac{384}{25}$ km/hr

Sol.55.(d) Let cost of chair = $100x$
Selling price = $75x$
If selling price is 900 more than initial then,
New selling price = $75x + 900$
According to the question,
$5 = \frac{75x + 900 - 100x}{100x} \times 100$
$5x = 900 - 25x$
$30x = 900 \Rightarrow x = 30$
So, cost price of chair = $100x$ = Rs. 3000
Now, for profit of 40%
Selling price of chair = 3000 × 140%
= Rs. 4200

Sol.56.(a) Let two quantity be x and y
According to the question,
$x + y = (x - y) \times 6$
$x + y = 6x - 6y$
$5x = 7y \Rightarrow x : y = 7 : 5$

Sol.57.(d)
$(\frac{133}{7} + \frac{91}{13} - \frac{216}{36}) + (\frac{209}{11} - \frac{96}{16} + \frac{45}{5})$
$(19 + 7 - 6) + (19 - 6 + 9)$
$(20) + (22) = 42$

Sol.58.(c) Formula:-
product of two number = HCF × LCM
Hence, greater number = $\frac{4107}{37}$ = 111

Sol.59.(c) Let four numbers be $7x$, $8x$, 9 x and $10x$ respectively
According to the question,
$7x + 8x + 9x + 10x = 68$
$34x = 68 \Rightarrow x = 2$
Hence, required sum = $(7x + 10x) = (17x)$ = 34

Sol.60.(b) Formula :-
expenditure = price × consumption

Ratio	**-**	**initial**	**:**	**final**
Price	-	5	:	7
Consump.-		x	:	y

Expenditure - 10 : 9
Initial consumption $(x) = \frac{10}{5}$ = 2 unit
Final consumption $(y) = \frac{9}{7}$ unit
so, required % = $\frac{2 - \frac{9}{7}}{2} \times 100 = 35.7\%$

Sol.61.(d) junctur
'Juncture' is the correct spelling.

Sol.62.(c) Hina is a best girl
'Best' must be replaced with 'good' as Hina has not been compared to all the other girls. Hence, 'Hina is a good girl' is the most appropriate answer.

Sol.63.(d) Entice- to attract or tempt someone by offering something appealing.
Fascinate- to attract and hold the

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attention of someone intensely.
Impel- to drive or force someone to do something.
Insure- means to protect against loss, damage, or injury.
Inspire- to fill someone with the urge or ability to do or feel something.

Sol.64.(c) Corrupt- dishonest.
Authentic- genuine and real.
Accurate- exact.
Factual- based on facts.
Pure- free from contamination.

Sol.65.(c) Pervasive- spreading widely throughout an area or group of people.
Ubiquitous- existing everywhere at the same time.
Scarce- in short supply.
Limited- small in amount or number.
Elusive- difficult to find, catch or achieve.

Sol.66.(a) Answer- a response to a question or request.
Plea- a request or appeal made in a legal or personal context.
Appeal- a serious or urgent request for help or support.
Suit- a legal action or case.
Pure- not mixed with anything else.

Sol.67.(b) round
'Round table' is a meeting at which people discuss something and everyone has an equal chance to express an opinion. The given sentence states that a round table discussion took place between the heads of the states. Hence, round is the most appropriate answer.

Sol.68.(d) Barking up the wrong tree- pursuing the wrong course of action or making a mistaken assumption.
E.g.- If you think I took your book, you're barking up the wrong tree. I haven't even seen it.

Sol.69.(a) custody disputes had have changed
The given sentence is in the past tense, so we will use the past form of the verb, V_2. 'Had have' must be removed. Hence, 'custody disputes changed(V_2)' is the most appropriate answer.

Sol.70.(c) listens
'My best friend' is a singular subject that will take the singular verb 'listens'. Hence, 'listens' is the most appropriate answer.

Sol.71.(d) I resisted all the way: a circumstance which grately strengthend the bad opinion Bessie and Miss Abbot were disposed to entertain of me.
'Greatly' and 'strengthened' are the correct spellings.

Sol.72.(c) involved
'Involved' means part of an activity or event. The given sentence states that the reaction came when he realized the waste and extravagance involved. Hence, 'involved' is the most appropriate answer.

Sol.73.(b) The team didn't noticed
'Do/does/did' takes the first form(V_1) of the verb. Hence, *The team didn't notice* is the most appropriate answer.

Sol.74.(d) All ears- listening with full attention.

Sol.75.(c) cords
'Cord' means a strong spiritual or emotional connection between people, like a bond that ties them together. The given sentence states that the cords are broken now, it seems they won't reunite. Hence, 'cords' is the most appropriate answer.

Sol.76.(b) highly
'Highly' means to a high degree, extremely. The given passage states that such spyware attacks are highly malicious and disruptive. Hence, 'highly' is the most appropriate answer.

Sol.77.(a) great
'Great' means extreme or intense in degree. The given passage states that this is precisely why there is a great need for strong data protection and privacy architectures across the world. Hence, 'great' is the most appropriate answer.

Sol.78.(c) need
The subject is plural, therefore a plural verb will be used. The given passage states that data protection and privacy need to be recognised as core, non-negotiable values. Hence, 'need' is the most appropriate answer.

Sol.79.(c) Yet
'Yet' is used to introduce a statement that differs from the previous statement. According to the passage, the Supreme Court has recognised privacy as a fundamental right, yet the government's personal data protection bill introduced in Parliament leaves a lot to be desired. Hence, 'yet' is the most appropriate answer.

Sol.80.(a) a lot
'A lot' means very much. The given passage states that the government's personal data protection bill introduced in Parliament leaves a lot to be desired. Hence, 'a lot' is the most appropriate answer.

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SSC GD Constable
01/03/2024 (1st Shift)

Reasoning

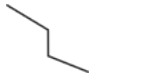
Q.1. Arrange the given words in the sequence in which they occur in the dictionary.
1. Decant 2. Decamp 3. Decade
4. Decagon 5. Decay
(a) 3, 4, 2, 5, 1 (b) 4, 3, 2, 1, 5
(c) 3, 4, 2, 1, 5 (d) 4, 3, 2, 5, 1

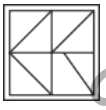
Q.2. In a certain code language, 'GIVES' is coded as '124', 'STEPS' is coded as' 158'. What is the code for 'VIEWS' in that code language?
(a) 152 (b) 156 (c) 144 (d) 164

Q.3. In the following question, select the related letters from the given alternatives.
SWA : UYC : : FJN : ?
(a) ZUV (b) HLP (c) WXK (d) XUV

Q.4. In the following question, select the related letter pair from the given alternatives.
CP : ES : : ?
(a) AN : CQ (b) BN : WL
(c) JR : EM (d) KX : FS

Q.5. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is NOT allowed)



(a) 
(b) 
(c) 
(d) 

Q.6. Six friends P, Q, R, S, T, and U are sitting around a circular table facing away from the center. P is sitting to the immediate right of Q . U sits exactly between R and S. S sits to the immediate left of T. Who sits to the opposite of T ?
(a) S (b) R (c) Q (d) P

Q.7. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements :
I. All wheel are cycle.
II. Some cycle are tub.
Conclusions :
I. All tub are wheel.
II. All cycle are tub.
III. All cycle are wheel.
(a) Only conclusion II follows
(b) All conclusion follows
(c) Neither conclusion follows
(d) Both conclusions I and II follows

Q.8. 'A × B' means 'A is the husband of B'
'A + B' means 'A is brother of B'
'A ÷ B' means 'A is the son of B'
'A - B' means 'A is the father of B'
In the expression 'T ÷ R + S - M', what is the relation of T to S ?
(a) brother's son (b) husband
(c) father (d) son

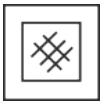
Q.9. Seven girls P, Q, R, S, T, U and V are sitting around a circular table facing opposite to the centre (not necessarily in the same order). P is the immediate neighbour of both Q and R. S is not the immediate neighbour of either R or T. V is immediate neighbour of both T and U. V is second to the right of S. S is the immediate neighbour of U. Who is sitting on the immediate left of R ?
(a) T (b) Q (c) P (d) S

Q.10. Which two numbers (not digits) should be interchanged to make the given equation correct?
12 × 3 - 4 ÷ 2 + 41 = 7
(a) 7 and 41 (b) 12 and 41
(c) 3 and 2 (d) 7 and 4

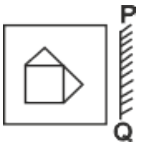
Q.11. Which of the following numbers will replace the question mark (?) in the given series?
242, 264, ?, 308, 330, 352
(a) 292 (b) 300 (c) 286 (d) 272

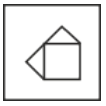
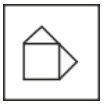
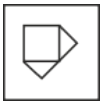
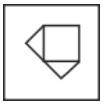
Q.12. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.13. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.



(a) 
(b) 
(c) 
(d) 

Q.14. Which of the following letter cluster will replace the blank (_____) in the given series?
CADI, EAFI, GAHI, _____, KALI
(a) IAJI (b) AAII (c) HAII (d) JAKI

Q.15. Which of the following numbers will replace the question mark (?) in the given series?
1076, ?, 882, 785, 688, 591
(a) 898 (b) 979 (c) 1001 (d) 989

Q.16. In a certain code language, if DESK is coded as 'CEDFRTJL' and CHAIR is coded as 'BDGIZBHJQS', then what will TABLE be coded as?
(a) SUZBACKMDF (b) SUZBAMCKDF
(c) SUZBACMKDF (d) SUZBCAKMDF

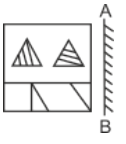
Q.17. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.18. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
RVNL, OSKI, LPHF, IMEC, ?
(a) FRNC (b) FJBZ (c) FJAQ (d) MNRQ

Q.19. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



(a) 
(b) 

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(c)  (d) 

Q.20. By interchanging which two signs and two numbers (not digits) the equation will be correct?
5 - 7 × 4 + 8 ÷ 2 = 17
(a) - and ÷ , 5 and 4 (b) + and -, 2 and 5
(c) ÷ and - , 7 and 8 (d) × and +, 4 and 5

General Awareness

Q.21. Which dancing form is classified as Ekaharya?
(a) Bharatnatyam (b) Odissi
(c) Sattriya (d) Kathak

Q.22. Viksit Bharat Sankalp Yatra campaign was flagged off by Prime Minister Shri Narendra Modi on November 15, 2023, at_____.
(a) Dausa, Rajasthan
(b) Aligarh, Uttar Pradesh
(c) Hisar, Haryana
(d) Khunti, Jharkhand

Q.23. In the context of the Indian census, what is the definition of the literacy percentage?
(a) The percentage of people aged seven and above, who can read and write in any language
(b) The percentage of people with a college degree
(C) The percentage of people who can read and write in English
(d) The percentage of people who can perform basic arithmetic calculations

Q.24. Which of the following is NOT a Directive Principles of State Policy mentioned in the Indian Constitution?
(a) Organisation of agriculture and animal husbandry
(b) Uniform civil code for the citizens
(c) Separation of legislature from executive
(d) Promotion of international peace and security

Q.25. Union Minister_____announces India's first indigenously developed vaccine, "CERVAVAC" for the prevention of cervical cancer. (September 2022)
(a) Shri Raj Nath Singh
(b) Shri Mansukh L. Mandaviya
(c) Dr. Bharati Pravin Pawar
(d) Dr. Jitendra Singh

Q.26. Where was the first Asian Games held in 1951 ?
(a) Tokyo, Japan
(b) Manila, Philippines
(c) Bangkok, Thailand
(d) New Delhi, India

Q.27. Who was the founder of the Khudai Khidmatgars?
(a) Khan Abdul Ghaffar Khan
(b) Sayyid Ahmed Khan
(c) Maulana Azad
(d) Mohammad Ali Jinnah

Q.28. Basketball has two teams, consist of ____ players on each team.
(a) Seven (b) Nine (c) Eleven (d) Five

Q.29. What is the meaning of term "Kathak' ?
(a) Story-tellers (b) Love and music
(c) Story translator (d) Love of literature

Q.30. According to the data of 2011-12, which of the following is the poverty rate of bihar? (approximate)
(a) 63.7% (b) 33.7% (c) 43.7% (d) 53.7%

Q.31. Which of the following pair is correctly matched in context of person and related to their musical instrument ?
I. Totaram Sharma - Pakhawaj
II. Zakir Hussain - Flute
(a) Only II (b) Both I and II
(c) Neither I nor II (d) Only I

Q.32. With respect to economic planning in India , the Bombay Plan was published in how many parts ?
(a) Five (b) Four (c) Three (d) Two

Q.33. The _____ five year plan of India could not take off in 1990 due to the fast changing political situation at the Centre.
(a) Eighth (b) Sixth
(c) Ninth (d) Seventh

Q.34. Which dance style does Geeta Mahlik have a reputation for?
(a) Kathak (b) Kuchipudi
(c) Odissi (d) Bharatnatyam

Q.35. In which of the following state, Hornbill Festival is celebrated?
(a) Madhya Pradesh (b) Assam
(c) Manipur (d) Nagaland

Q.36. Which government department is responsible for implementing the VAIBHAV Fellowship Scheme ?
(a) Ministry of Education
(b) Ministry of Science and Technology
(c) Ministry of Home Affairs
(d) Ministry of Agriculture and Farmers Welfare

Q.37. Which of the following is the SI unit of velocity?
(a) kg/m (b) kg/s (c) m/s (d) s/m

Q.38. In which of the following Schedule of the Indian Constitution the 'Concurrent List' is given?
(a) 7th (b) 5th (c) 8th (d) 6th

Q.39. Which Mauryan ruler was the grandson of Chandragupta Maurya?
(a) Brihadratha (b) Pushyamitra Shunga
(c) Bindusara (d) Ashoka

Q.40. National Sport of Pakistan is
(a) Football (b) Field Hockey
(c) Cricket (d) Polo

Quantitative Aptitude

Q.41. What is the value of
5400 ÷ 2 - 55 × 11 + 44 × 3 ?
(a) 1119 (b) 2227 (c) 2178 (d) 1928

Q.42. The average age of 12 players and their coach is 32 years. The average age of first 5 players is 28 years and average age of the remaining 7 players is 26 years. What is the age of the coach?
(a) 93 years (b) 99 years
(c) 91 years (d) 94 years

Q.43. For what value of N, 28537N is divisible by 8 ?
(a) 2 (b) 4 (c) 8 (d) 6

Q.44. If the radius of sphere is decreased by 80 percent, then volume of sphere will be decreased by what percentage?
(a) 98.2 percent (b) 99.2 percent
(c) 94.2 percent (d) 95.2 percent

Q.45. A truck left 30 minutes early than the scheduled time but in order to reach its destination 270 km away in time, it had to slow its usual speed by 6 km/hr. What is the usual speed of the truck?
(a) 50 km/hr (b) 56 km/hr
(c) 60 km/hr (d) 64 km/hr

Q.46. A sum of Rs. 1000 becomes Rs. 2210 when invested in a scheme of simple interest. If the annual rate of interest and the number of years for which the sum was invested are same, then what is the annual rate of interest?
(a) 15 percent (b) 20 percent
(c) 8 percent (d) 11 percent

Q.47. If 75 percent of total mobiles are sold at a loss of 20 percent and remaining mobiles are sold at a profit of 30 percent, then what will be the overall loss percentage?
(a) 8 percent (b) 9.09 percent
(c) 7.5 percent (d) 8.5 percent

Q.48. A work was finished by Amit, Sumit and Vinit together. Amit and Sumit together finished 70 percent part of the work and Sumit and Vinit together

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finished 50 percent part of the work. Who among the three is most efficient?
(a) Vinit (b) Sumit
(c) Amit (d) All are equal

Q.49. What is the value of
1495 ÷ 23 + 44 × 9 - 21 ÷ 3 ?
(a) 464 (b) 454 (c) 484 (d) 474

Q.50. If m = 1500 and n = 2000, then m is how much percentage less than n?
(a) 50 percent (b) 12.5 percent
(c) 10 percent (d) 25 percent

Q.51. An article is sold at a discount of 20 percent. What will be the ratio of the marked price and selling price of the article?
(a) 5 : 3 (b) 5 : 4 (c) 4 : 3 (d) 4 : 1

Q.52. Rs. 10000 is lent at the annual rate of 20 percent for 3 years. Which of the following is statement(s) is/are correct?
I. Simple interest to be received on this sum is Rs. 6000.
II. Compound Interest (compounding annually) to be received on this sum is Rs. 7200.
(a) Neither I nor II (b) Both I and II
(c) Only II (d) Only I

Q.53. Cost price of an article is Rs. 4600. If the loss percentage is 12 percent, then what is the selling price of the article?
(a) Rs. 3962 (b) Rs. 4048
(c) Rs. 3562 (d) Rs. 3888

Q.54. A mixture contains acid and water in the ratio of 4 : 7. If 10 litres of water is added to it, then the ratio of acid and water becomes 8 : 19. What is the quantity of acid in the mixture?
(a) 8 litres (b) 4 litres
(c) 12 litres (d) 16 litres

Q.55. Average age of a group of 15 boys is 24 years . A boy having age 13 years leaves the group. A new boy joins the group and the average increases by 1 year. What is the age of the new boy?
(a) 28 years (b) 25 years
(c) 20 years (d) 22 years

Q.56. Find the height of a triangle where the base corresponding to that height is half of the height, and the area is 144 cm^2.
(a) 27 cm (b) 24 cm
(c) 23.8 cm (d) 29.4 cm

Q.57. If 3T = 10U and 5U = 7V, then what is the value of T : U : V ?
(a) 70 : 31 : 14 (b) 70 : 21 : 15
(c) 10 : 3 : 2 (d) 21 : 15 : 70

Q.58. X and Y together can complete a work in 20 days. Y alone can complete the same work in 25 days. In how many days will X alone complete the same work?
(a) 110 days (b) 120 days
(c) 150 days (d) 100 days

Q.59. After a discount of 33 percent an article is sold for Rs. 2546. What is the marked price of the article?
(a) Rs. 3800 (b) Rs. 3500
(c) Rs. 4000 (d) Rs. 3600

Q.60. What is the value of
2 of 40 - (44 + 2 - 96) ?
(a) 50 (b) 30 (c) 100 (d) 130

English

Q.61. Choose the word that is opposite in meaning to the given word.
Appearance
(a) Commencement (b) Masquerade
(c) Ingress (d) Exit

Q.62. In the following question, out of the given four alternatives, select the alternative which best express the meaning of the Idiom/Phrase.
Back to basics
(a) To love someone with whole heart
(b) Covering all the possibilities
(c) Back to where one started
(d) Returning to the simple and most important things

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
I am now getting best job opportunities after this internship.
(a) getting best job opportunities
(b) No error
(c) after this internship
(d) I am now

Q.64. Select the most appropriate option for the given blank.
He writes essays on various topics ____science and politics.
(a) into (b) following
(c) after (d) including

Q.65. Select the most appropriate synonym of the given word.
Scale
(a) Lethargy (b) Magnitude
(c) Slide (d) Chips

Q.66. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/words.
(a) But after ten minutes it came into sight again, drawn up at the side of the road.
(b) He seemed to weave, like the spider, from pure impulse, without reflection.
(c) In the instant they passed it they herd a blur of voices from behind the reticence of the limousine.
(d) When Doctor Kimble gave physic, it was natural that it should have an effect.

Q.67. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
The doctor is <u>accepts new</u> patients
(a) accepting newly (b) No improvement
(c) accepting new (d) accept new

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Either of them have started the protest outside my house.
(a) No error
(b) started the protest
(c) outside my house
(d) Either of them have

Q.69. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
You must keep it **in mind because it's important to remember** that living in cities is very expensive
(a) Beat the brains
(b) In the dark
(c) In seventh heaven
(d) Bear something in mind

Q.70. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
We did found that less capable drivers tend to choose safer cars.
(a) No error
(b) We did found that
(c) less capable drivers tend
(d) to choose safer cars.

Q.71. Select the incorrectly spelt word from the given sentence.
She was one of the wealthiest women in the world and certainly the most ecentric noble of her time
(a) noble (b) certainly
(c) ecentric (d) wealthiest

Q.72. Choose the most appropriate antonym of the underlined word.
Despite the **<u>ridicule</u>**, China looks set to carry out the three-child policy in the hope of addressing its rapidly aging population and plunging brith and marriage rates.
(a) Scorn (b) Contempt

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(c) Taunt (d) Commend

Q.73. Correct the underlined part of the sentence. Choose 'No correct' as an answer if the sentence is grammatically correct.
Life would be a burdened without good companionship.
(a) burden without (b) No correct
(c) burdens without (d) burdening without

Q.74. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
The bag is made from jean fabric.
(a) No improvement (b) make from
(c) making from (d) makes from

Q.75. Select the most appropriate option for the given blank.
I want you to____ an investigation into this matter.
(a) take (b) open (c) set (d) free

Cloze Test :
Direction :- [Q.76. to Q.80.]
When you start a new job, you want to make a good impression (76)___your colleagues and supervisors. Behaving professionally, being punctual, and following company (77) __and procedures can help you establish a positive (78)___in the workplace.
Behaving appropriately and professionally can help (79) ___trust with your colleagues and supervisors. When you demonstrate that you are reliable and can be trusted, your colleagues are more (80) ____to support you and help you succeed.

Q.76. (a) on (b) by (c) for (d) in

Q.77. (a) stes (b) divisions
(c) policies (d) types

Q.78. (a) image (b) face
(c) mask (d) firework

Q.79. (a) build (b) select
(c) demolish (d) depth

Q.80. (a) suddenly (b) likely
(c) like (d) vaguely

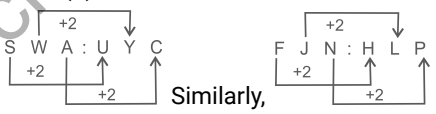
Answer Key :-

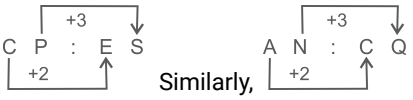
1.(c)	2.(b)	3.(b)	4.(a)
5.(d)	6.(b)	7.(c)	8.(a)
9.(a)	10.(a)	11.(c)	12.(a)
13.(a)	14.(a)	15.(b)	16.(a)
17.(c)	18.(b)	19.(d)	20.(d)
21.(a)	22.(d)	23.(a)	24.(c)
25.(d)	26.(d)	27.(a)	28.(d)
29.(a)	30.(b)	31.(d)	32.(d)
33.(a)	34.(c)	35.(d)	36.(b)
37.(c)	38.(a)	39.(d)	40.(b)
41.(b)	42.(d)	43.(d)	44.(b)
45.(c)	46.(d)	47.(c)	48.(c)
49.(b)	50.(d)	51.(b)	52.(d)
53.(b)	54.(d)	55.(a)	56.(b)
57.(b)	58.(d)	59.(a)	60.(d)
61.(d)	62.(b)	63.(a)	64.(d)
65.(b)	66.(c)	67.(c)	68.(d)
69.(d)	70.(b)	71.(c)	72.(d)
73.(a)	74.(a)	75.(b)	76.(a)
77.(c)	78.(a)	79.(a)	80.(b)

Solutions :-

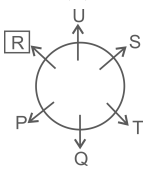
Sol.1.(c) The correct order is;
Decade**(3)** → Decagon**(4)** → Decamp**(2)** → Decant**(1)** → Decay**(5)**

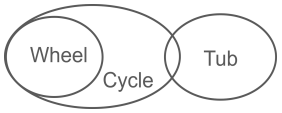
Sol.2.(b) Logic : (Sum of the place value of letters) × 2
GIVES : (7 + 9 + 22 + 5 + 19) × 2
⇒ (62) × 2 = 124
STEPS : (19 + 20 + 5 + 16 + 19) × 2
⇒ (79) × 2 = 158
Similarly,
VIEWS :
(22 + 9 + 5 + 23 + 19) × 2 = (78) × 2 = 156

Sol.3.(b)


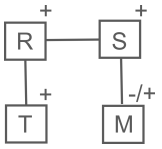
Sol.4.(a)


Sol.5.(d)

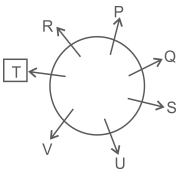

Sol.6.(b)


Sol.7.(c)


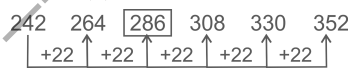
Neither conclusion follows.

Sol.8.(a)


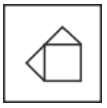
T is S's Brother' son

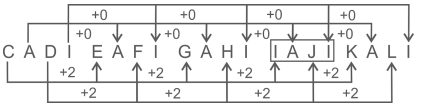
Sol.9.(a)


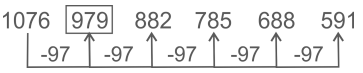
Sol.10.(a) Given : 12 × 3 - 4 ÷ 2 + 41 =7
After checking all the options one by one, option (a) satisfies. After interchanging 7 and 41, we get
12 × 3 - 4 ÷ 2 + 7 =41
36 - 2 + 7 =41 ⇒ 41 = 41 ⇒ LHS = RHS

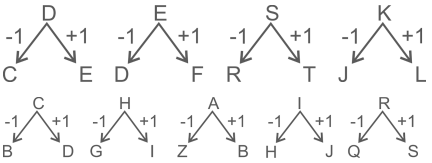
Sol.11.(c)


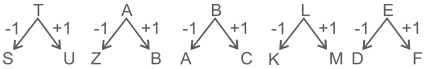
Sol.12.(a)


Sol.13.(a)


Sol.14.(a)


Sol.15.(b)


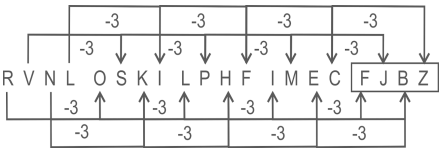
Sol.16.(a)


Similarly,


Sol.17.(c)


Sol.18.(b)

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Sol.19.(d)



Sol.20.(d) Given : 5 - 7 × 4 + 8 ÷ 2 = 17
After checking all the options one by one, only option (d) satisfies. After interchanging × and +, 4 and 5 we get;
4 - 7 + 5 × 8 ÷ 2 = 17
4 - 7 + 20 = 17 ⇒ 17 = 17 ⇒ LHS = RHS

Sol.21.(a) Bharatnatyam. It originated in the temples of South India, particularly, Tamil Nadu. It was traditionally performed by Devadasis, and thus was also known as Dasiattam. Other Facts - Bharatanatyam includes three basic forms - Melattur, Pandanallur and Vazhuvoor. Abhinaya - Facial expressions in Bharatanatyam. Mangalam - End of a dance. Thillana - Final part of a recital. Aramandi - a fundamental dance position in Bharatanatyam that involves half sitting.

Sol.22.(d) Khunti, Jharkhand. The Viksit Bharat Sankalp Yatra is India's largest outreach initiative, aiming to ensure 100% saturation of government schemes' benefits across the nation through outreach, information dissemination, and citizen empowerment. Government Schemes: Beti Bachao Beti Padhao (2015), Make in India (2014), Skill India Mission (2015), The Jan Dhan Yojana (2014), Start-up India (2016).

Sol.23.(a) Literacy is the ability to read, write, and comprehend information in order to communicate effectively. As per Census 2011, the national literacy rate was 74.04%, with male literacy at 82.14% and female literacy at 65.46%. The state with the highest male literacy rate is Kerala (96.11%), and the state with the highest female literacy rate is Kerala (92.07%). The state with the lowest male literacy rate is Bihar (71.20%), while the state with the lowest female literacy rate is Bihar (51.5%).

Sol.24.(c) Separation of legislature from executive. Directive Principles of State Policy {part IV (Articles 36 - 51)}. Important Articles: Article 50 - Separation of judiciary from executive. Article 37 - Application of the principles contained in this Part. Article 38 - State to secure a social order for the promotion of welfare of the people. Article 44 - Uniform civil code for the citizens. Article 39A - Equal justice and free legal aid. Article 40 - Organisation of village panchayats. Article 48- The organisation of agriculture and animal husbandry. Article 51- Promotion of international peace and security.

Sol.25.(d) Dr. Jitendra Singh. Cervical cancer is a type of cancer that begins in the cells of the cervix, which is the lower part of the uterus connecting to the vagina.

Sol.26.(d) New Delhi, India. The Asian Games are organized by the Olympic Council of Asia (OCA) every 4 years, with its headquarters in Kuwait City, Kuwait. New Delhi, India, hosted the Asian Games for the second time in 1982. Kamaljeet Sandhu was the first Indian woman to win an individual Asian Games gold medal in the 400 meters at the 1970 Asian Games in Bangkok, Thailand. Bangkok has hosted the Asian Games the most times (1966, 1970, 1978, and 1998).

Sol.27.(a) Khan Abdul Ghaffar Khan (frontier Gandhi/Sarhadi Gandhi/ Badshah Khan/ Bacha Khan) founded Khudai Khidmatgar movement (Servants of God) in 1929. Award: Bharat Ratna (1987), He was the first non-Indian to receive this honour. Organizations and their founders: Muslim League- Agha Khan & Salimullah, Ramakrishna Mission- Swami Vivekanand, Sharada Sadan- Rama Bai.

Sol.28.(d) Five. Basketball was invented in 1891. Terminologies include free throw, Dribbling, underhand, technical foul, overhead pass, Offense, and Rebound. The court dimensions are 28 meters in length and 15 meters in width. Important personality include Sim Bhullar, the first Indian NBA player. Related trophies include the Larry O'Brien Championship Trophy, and William Jones Cup.

Sol.29.(a) Story-tellers. The term Kathak comes from the Sanskrit Vedic word Katha, which means "story" and Kathakar, which means "one who tells a story" or "related to stories". The story of Radha and Krishna is the major theme of Kathak. Features include its fusion of Hindu and Muslim creativity in art, making it India's sole classical dance with links to Muslim culture. The three main sections of a Kathak dance are invocation, Nritta, and Nritya, as mentioned in the Natya Shastra."

Sol.30.(b) 33.7%. NITI Aayog's Multidimensional Poverty Index Report, 2021, shows that Bihar has the highest proportion of people who are poor (51.91%), followed by Jharkhand (42.16%), Uttar Pradesh (37.79%) and Madhya Pradesh (36.65%), the index showed. Kerala, Goa, Sikkim, Tamil Nadu and Punjab have registered the lowest poverty rate among all states and are at the bottom of the index. The highest poverty ratio of 64.75% is in the Kishanganj district of Bihar.

Sol.31.(d) Only I. Musical Instruments and associated personalities: Pakhawaj - Bhavani Shankar, Ayodhya Prasad. Flute - Hari Prasad Chaurasia, Pannalal Ghosh, Palladam Sanjiv Rao. Tabla - Zakir Hussain, Kishan Maharaj, Jnan Prakash Ghosh. Ghatam - E.M. Subramaniam. Guitar - Braj Bhushan Kabra. Karthal - Gazi Khan Barna. Santoor - Shiv Kumar Sharma, Bhajan Sopori, Tarun Bhattacharya. Sarod - Allauddin Khan, Ali Akbar Khan, Amjad Ali Khan, Tejendra Majumdar.

Sol.32.(d) Two. A Plan of Economic Development for India,' also known as the Bombay Plan, was proposed by eight leading Indian industrialists and technocrats: J.R.D. Tata, Ghanshyam Das Birla, Ardeshir Dalal, Lala Shri Ram, Kasturbhai Lalbhai, Ardeshir Darabshaw Shroff, Sir Purshottamdas Thakurdas, and John Mathai. It was Published in two parts: First volume was released in 1944 and the second in 1945.

Sol.33.(a) Eighth Five Year Plan (1992-97) : India embraced globalization and became a member of the World Trade Organisation on 1 January 1995. The objective was the modernization of the industrial sector.The Pradhan Mantri Rojgar Yojana was launched during this plan. The Five-Year Plans were formulated, implemented, and regulated by a body known as the Planning Commission (formed on March 15, 1950, and replaced by the think tank NITI Aayog in 2015).

Sol.34.(c) Odissi. Geeta Mahlik: Awards - Padma Shri (2014), Kendra Sangeet Natak Akademi Award (2009), Odisha Sangeet Natak Akademi Award (2012). Odissi Exponent: Kelucharan Mohapatra, Pankaj Charan Das, Deba Prasad Das

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and Raghunath Dutta.

Sol.35.(d) Nagaland. The Hornbill Festival is also called the 'Festival of Festivals.' It is celebrated from December 1 to 10 each year. The festival is named after the hornbill, a globally respected bird featured in the folklore of many of the state's tribes. Festivals of Nagaland - Metumniu festival, Angami Naga, Sukrenye, Mim Kut, Tokhu Emong.

Sol.36.(b) Ministry of Science and Technology. The fellowship programme launched as a step to further those efforts by shaping and implementing the VAIBHAV (Vaishvik Bhartiya Vaigyanik) programme, envisages collaboration between scientists of Indian Diaspora with Indian Higher Educational Institutions (HEIs), Universities, and/ or public funded Scientific Institutions.

Sol.37.(c) m/s. Base Units: Meter (m) - unit of length, Kilogram (kg) - unit of mass, Second (s) - unit of time, Ampere (A) - unit of electric current, Kelvin (K) - unit of thermodynamic temperature, Mole (mol) - unit of amount of substance, Candela (cd) - unit of luminous intensity. SI Derived Units: Force - $kg{\cdot}m{\cdot}s^{-2}$, Frequency : s^{-1}.

Sol.38.(a) 7th. The Concurrent List includes 52 subjects. The 42nd Amendment Act of 1976 transferred the following five subjects from the State List to the Concurrent List: Education, Forests, Protection of Wild Animals and Birds, Weights and Measures, and Administration of Justice (including the constitution and organization of all courts except the Supreme Court and High Courts). The concept of the 'Concurrent List' in the Indian Constitution is borrowed from the Constitution of Australia.

Sol.39.(d) Ashoka. He was the son of Mauryan Emperor Bindusara and Queen Subhadrangi. He is also known by the names Devanampiya (Beloved of the Gods) and Piyadasi (Priyadarshi). The Kalinga War of 261 BCE was fought between Ashoka and the king of Kalinga, Raja Ananta Padmanabha.

Sol.40.(b) Field Hockey. National sports of India's neighboring countries: Afghanistan - Buzkashi (a traditional horse-mounted game), Bangladesh - Kabaddi, Bhutan - Archery, China - Table Tennis, Sri Lanka - Volleyball.

Sol.41.(b) 5400 ÷ 2 - 55 × 11 + 44 × 3
= 2700 - 605 + 132 = 2227

Sol.42.(d) According to question,
Sum of age of 12 players and coach
= 32 × 13 = 416
Sum of first 5 players = 5 × 28 = 140
Sum of remaining 7 player = 7 × 26 = 182
Then, the age of the coach
= 416 - (140 + 182) = 94 years.

Sol.43.(d) Divisibility of 8 : The last three numbers are zero or divisible by 8, the whole number is divisible by 8.

For N = 2 :- last three digit = $\frac{372}{8}$ = 46.5
[not divisible by 8]

For N = 4 :- last three digit = $\frac{374}{8}$ = 46.75
[not divisible by 8]

For N = 8 :- last three digit = $\frac{378}{8}$ = 47.25
[not divisible by 8]

For N = 6 :- last three digit = $\frac{376}{8}$ = 47
[divisible by 8]

Sol.44.(b) Volume of sphere = $\frac{4}{3}\pi r^3$
Let the initial radius be 10 units.
Then, initial volume = $\frac{4000\pi}{3}$
According to question,
New radius = 2 units.
Then new volume of sphere = $\frac{32\pi}{3}$

Required % = $\frac{\frac{4000\pi}{3} - \frac{32\pi}{3}}{\frac{4000\pi}{3}} \times 100$

= $\frac{\frac{3968\pi}{3}}{\frac{4000\pi}{3}} \times 100$ = 99.2 percent

Sol.45.(c) Let the usual speed and time be s and t respectively.
Speed = $\frac{Distance}{Time}$
According to question,
270 = (s - 6) × t
t = $\frac{270}{(s-6)}$ --------(I)
And 270 = s × (t - 0.5) --------(II)
$\frac{270}{s} = \frac{270}{(s-6)} - 0.5$
$\frac{270}{s} = \frac{273 - 0.5s}{(s-6)}$
$270s - 1620 = 273s - 0.5s^2$
$0.5s^2 - 3s - 1620 = 0$
$s^2 - 6s - 3240 = 0$
$s^2 - 60s + 54s - 3240 = 0$
(s - 60)(s + 54) = 0
s = 60 or - 54 [Speed cannot be negative]
Therefore, required speed = 60 km/hr.

Sol.46.(d)
Let the annual rate of interest be a.
According to question,
SI = 2210 - 1000 = 1210 Rs.
SI = $\frac{p \times r \times t}{100} \Rightarrow 1210 = \frac{1000 \times r \times r}{100}$
Given that rate of interest(r) = Period of time(t) = r
$r^2 = 121 \Rightarrow r = 11$
Therefore, Annual rate of interest is 11 %.

Sol.47.(c) Let the cost price of mobiles be 100 units.
According to question,
Selling price = $(\frac{75 \times 80}{100}) + (\frac{25 \times 130}{100})$
= 60 + 32.5 = 92.5
Required % = $\frac{100 - 92.5}{100} \times 100$ = 7.5%

Sol.48.(c) Let work done Amit, Sumit and Vinit be a, b and c respectively.
Total work = 100 units
According to question,
a + b + c = 100 units
a + b = 70 units
Then, c = 30 units
Now, b + c = 50 units
b = 20 units and a = 50 units.
Here, work done by Amit is highest.
Therefore, Amit is most efficient.

Sol.49.(b) 1495 ÷ 23 + 44 × 9 - 21 ÷ 3
= 65 + 44 × 9 - 7 ⇒ 65 + 396 - 7 ⇒ 454

Sol.50.(d) According to question,
Required % = $\frac{2000 - 1500}{2000} \times 100$ = 25%

Sol.51.(b)
Let the marked price be 100 units.
According to question,
Selling price = $100 \times \frac{(100-20)}{100}$
= 80 units.
Therefore, required ratio = 100 : 80 = 5 : 4

Sol.52.(d) Statement (I) :
SI = $\frac{p \times r \times t}{100} = \frac{10000 \times 20 \times 3}{100}$
= 6000 Rs.
Statement (II) :
A = P × $(1 + \frac{R}{100})^t$
= 10000 × $(1 + \frac{20}{100})^3$ = 10000 × 1.728
= 17280 Rs.
CI = A - P = 17280 - 10000 = 7280 ≠ 7200
Therefore, Only statement (I) is correct.

Sol.53.(b) According to question,
Selling price
= $4600 \times \frac{(100-12)}{100}$ = 4048 Rs.

Sol.54.(d) Let the initial quantity of acid and water be 4a and 7a respectively.
According to question,
$\frac{4a}{7a + 11} = \frac{8}{19}$

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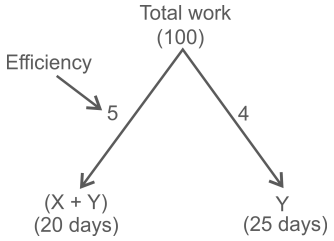
76a = 56a + 80 ⇒ a = 4
Then, the quantity of acid = 4a = 16 litres.

Sol.55.(a) According to question,
Sum of age of initial group
= 15 × 24 = 360
Sum of age of new group = 25 × 15 = 375
Therefore, Required age
= 375 - (360 - 13) = 28 years.

Sol.56.(b)
Let the height of the triangle be 2h.
Then, base = h.
Area of triangle = $\frac{1}{2}$ × Base × Height
According to question,
144 = $\frac{1}{2}$ × h × 2h ⇒ h² = 144
h = 12 cm
Then, required height = 2h = 24 cm

Sol.57.(b) 3T = 10U and 5U = 7V
Then, T : U = 10 : 3 and U : V = 7 : 5
Ratio → T : U : V
10 : 3 : 3
7 : 7 : 5
—----------
70 : 21 : 15

Sol.58.(d) According to question,



Required time = $\frac{100}{(5-4)}$ = 100 days

Sol.59.(a)
Marked price = $\frac{2546 \times 100}{(100-33)}$ = 3800 Rs.

Sol.60.(d) 2 of 40 - (44 + 2 - 96)
= 80 - (44 + 2 - 96) = 80 - (- 50)
= 130

Sol.61.(d) **Exit-** the act of leaving something.
Appearance- coming into sight or being present.
Commencement- the beginning of something.
Masquerade- behaviour that is intended to prevent the truth about something unpleasant.
Ingress- the act of entering something.

Sol.62.(d) **Back to basics-** returning to the simple and most important things.
E.g.- We don't have funding for fancy schemes this year, so we're having to get back to basics.

Sol.63.(a) getting best job opportunities
We always place the definite article 'the' before any superlative adjective(best). Hence, 'getting the best job opportunities' is the most appropriate answer.

Sol.64.(d) including
'Including' means to introduce examples of people or things that are part of the group. According to the sentence, science and politics are among the various topics of essay. Hence, 'including' is the most appropriate answer.

Sol.65.(b) **Magnitude-** the great size or importance of something.
Scale- the size of something, especially when compared to other things.
Lethargy- the feeling of being very tired.
Slide- to move or make something move quietly without being noticed.
Chips- a small piece of stone, glass, wood.

Sol.66.(c) In the instant they passed it they herd a blur of voices from behind the reticence of the limousine.
'Heard' is the correct spelling.

Sol.67.(c) accepting new
'Is/am/are + V_{ing}' is the correct grammatical structure for the sentence which is in the present continuous tense. Hence, 'accepting(V_{ing}) new' is the most appropriate answer.

Sol.68.(d) Either of them have
'Everyone/each/ every/ nothing/ everything/ anything/ either/ neither' represents a singular noun. So, singular verbs will be used with them. Hence, 'Either of them has' is the most appropriate answer.

Sol.69.(d) **Bear something in mind-** to keep something in mind because it is important to remember.

Sol.70.(b) We did found that
'Subject + V_2' is the correct grammatical structure for a sentence which is in the simple past tense. 'Did' will be removed from this sentence as it is used in negative and interrogative sentences. Hence, 'We found(V_2) that' is the most appropriate answer.

Sol.71.(c) ecentric
'Eccentric' is the correct spelling.

Sol.72.(d) **Commend-** to formally praise.
Ridicule- language or behaviour intended to humiliate or mock.
Scorn- to treat with a great lack of respect.
Contempt- having a general lack of respect for something.
Taunt- to try to make somebody angry or upset by saying unpleasant things.

Sol.73.(a) burden without
'Burdened' must be replaced with the noun 'burden' as articles('a' before the blank) are always used with nouns. Hence, 'burden without' is the most appropriate answer.

Sol.74.(a) No improvement
The given sentence is grammatically correct.

Sol.75.(b) open
'Open' means to begin or set in action. The given sentence states that I want you to begin an investigation into this matter. Hence, 'open' is the most appropriate answer.

Sol.76.(a) on
'On' is a fixed preposition used after the word 'impression'. Hence, 'on' is the most appropriate answer.

Sol.77.(c) policies
'Policy' means a set of ideas followed by a business. The given passage states that behaving professionally, being punctual, and following company policies and procedures can help you establish a positive image in the workplace.Hence, 'policies' is the most appropriate answer.

Sol.78.(a) image
'Image' is the way that someone is thought of by other people. The given passage states that behaving professionally, being punctual, and following company policies and procedures can help you establish a positive image in the workplace.Hence, 'image' is the most appropriate answer.

Sol.79.(a) build
'Build' is the correct word to use with 'trust'. The given passage states that behaving appropriately and professionally can help build trust with your colleagues and supervisors. Hence, 'build' is the most appropriate answer.

Sol.80.(b) likely
'Likely' means something will probably happen. The given passage states that when you demonstrate that you are reliable and can be trusted, your colleagues are more likely to support you and help you succeed. Hence, 'likely' is the most appropriate answer.

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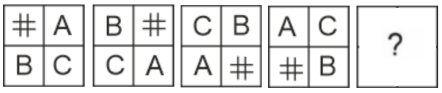
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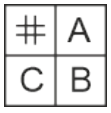
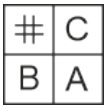
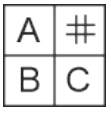
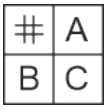
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Reasoning

Q.1. Arrange the given words in the same order in which they appear in the English dictionary.
1. Biter 2. Bit 3. Bitcoin 4. Bite 5. Birth
(a) 5, 2, 3, 4, 1 (b) 5, 2, 3, 1, 4
(c) 3, 2, 4, 1, 5 (d) 3, 2, 4, 5, 1

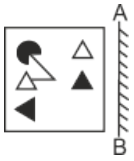
Q.2. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

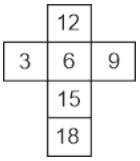
Q.3. Seven girls A, B, C, X, Y, W and Z are sitting around a circular table facing outside the center (but not necessarily in the same order). W is sitting second to the left of X. W is an immediate neighbor of both B and C. Z is sitting fourth to the left of B. Y is not an immediate neighbor of C. Who is sitting to the immediate right of B ?
(a) A (b) X (c) W (d) Y

Q.4. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure ?



(a) 
(b) 
(c) 
(d) 

Q.5. When the given die is rolled, which number will appear on the face opposite to the face containing '12' ?



(a) 6 (b) 15 (c) 9 (d) 18

Q.6. In the following question some statements are given and some conclusions based on those statements are given. You have to consider the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and decide which of the given conclusions logically follows from the statements.
Statement :
I. All F are S.
II. Some S are R.
Conclusion :
I. Some R is not F.
II. No S is F.
III. Some S is not R.
(a) None of the conclusions follow
(b) Only conclusion II follows
(c) All conclusions follow
(d) Both conclusions I and III follow

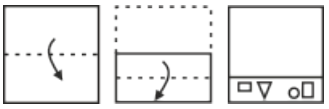
Q.7. Select the figure that will replace the question mark (?) in the following figure series.

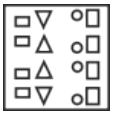
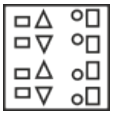
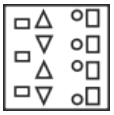
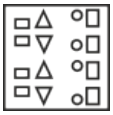


(a) 
(b) 
(c) 
(d) 

Q.8. In a certain code language, 'PERJURY' is written as '113' and 'DECEPTION' is written as '91'. How will 'WITNESS' be written in that code language ?
(a) 109 (b) 96 (c) 91 (d) 85

Q.9. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened?



(a) 
(b) 
(c) 
(d) 

Q.10. Which of the following letter groups will complete the series given below when sequentially placed from left to right ?
abb_dabbc_abb_dab_cd_bbcd
(a) cdcba (b) cbcda
(c) ddbca (d) abcda

Q.11. By interchanging which two signs and two numbers from the given options, the following equation will be correct ?
7 - 6 ÷ 4 × 2 + 5 = 3
(a) ÷ and ×, 6 and 5 (b) - and +, 7 and 5
(c) + and ×, 4 and 5 (d) - and ÷ , 4 and 2

Q.12. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AQM, ZPL, YOK, XNJ, ?
(a) MNR (b) WRQ (c) NRQ (d) WMI

Q.13. Eight persons, Reena, Kavita, Raman, Umesh, Rohit, Vikas, Monica and Priya are sitting around a square table in such a way that two persons sit on each side. All the persons are sitting facing the center of the table. Reena is sitting immediate right of Rohit and both of them are sitting on the same side. Monica is sitting facing the person who is second to the left of Kavitha. Monica is sitting fourth to the right of Reena. Two persons sit between Vikas and Umesh (counting from one side only) and Umesh sits adjacent to Rohit. Only one person sits between Monica and Raman (counting from one side only). Who is sitting second to the right of Umesh ?
(a) Monica (b) Kavita (c) Rohit (d) Reena

Q.14. From the following options, select the option which is related to the fifth letter-cluster in the same way as the fourth letter-cluster is related to the third letter-cluster, and the second letter-cluster is related to the first letter-cluster.
FAMILY : EBLJKZ :: GATHER : FBSIDS :: DINNER : ?
(a) CMJODS (b) CJODMS
(c) CJMDSO (d) CJMODS

Q.15. Select the missing number from the following series from the given alternatives.
113, 115, 119, ?, 133, 143
(a)130 (b) 128 (c) 126 (d) 125

Q.16. Pointing to a photograph of a man, Raman says, "He is the only son of the only daughter-in-law of the father of my only son". How is the man related to Raman ?
(a) father (b) son's son
(c) father's father (d) son

Q.17. If 20 A 25 B 70 C 7 = 5 and 30 A 40 B 75 C 15 = -5, then 4 A 10 B 8 C 2 = ?
(a) 1 (b) 0 (c) -2 (d) 3

Q.18. In a certain code language, 'FBI' is written as '324', 'HFG' is written as '1008'. How will 'TBD' be written in that code

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language ?
(a) 440 (b) 510 (c) 420 (d) 480

Q.19. Select the missing number from the following series from the given alternatives.
21, 66, 204, 621, 1875, ?
(a) 6008 (b) 5640 (c) 6005 (d) 5700

Q.20. From the following options, select the option which is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
Vadodara : Banyan City :: Cuttack : Silver City :: Dhanbad : ?
(a) Diamond City (b) Coal City
(c) Ruby City (d) Pearl City

General Awareness

Q.21. Jatin Goswami received many awards for his contribution to which dance form ?
(a) Kathak (b) Sattriya
(c) Kathakali (d) Bharatnatyam

Q.22. To advise ___ , who is the constitutional head of India, there is a Council of Ministers, whose head is the Prime Minister.
(a) king (b) President
(c) Judge (d) Home Minister

Q.23. On September 24, 2023, Prime Minister Narendra Modi flagged off how many Vande Bharat trains through video conferencing ?
(a) nine (b) five (c) seven (d) three

Q.24. Which dance style includes both Tandava and Lasya ?
(a) Manipuri (b) Odissi
(c) Kathak (d) Bharatnatyam

Q.25. The Finance Ministry has recently launched Mahila Samman Savings Certificate, _____.
(a) 2023 (b) 2021 (c) 2022 (d) 2020

Q.26. The Merger Policy (Doctrine of Lapse) was formulated by the Governor General_____
(a) Lord Clive (b) Lord Wellesley
(c) Lord Dalhousie (d) Lord Hastings

Q.27. _____ is an asset that the borrower owns (such as land, buildings, vehicles, livestock, bank deposits) and uses as a guarantee to the lender until the loan is repaid.
(a) Liabilities (b) supporting debt base
(c) loan (d) Fixed assets

Q.28. Obey the Constitution and respect its ideals, institutions, national flag and national anthem" It is a _____ mentioned in the Indian Constitution.
(a) Fundamental Duties
(b) Fundamental rights
(c) Economic duties
(d) Directive Principles

Q.29. Nobel laureate Dr. Norman Borlaug is known for his contributions to _____
(a) Renewable energy
(b) Environmental protection
(c) Agriculture and food production
(d) space exploration

Q.30. The Aga Khan Cup is related to _____ sport.
(a) football (b) horse racing
(c) Hockey (d) motor race

Q.31. In India, child dependency ratio is a measure of the number of dependents under the age of _____ years.
(a) 0 to 16 (b) 0 to 18
(c) 0 to 14 (d) 0 to 21

Q.32. According to 2011 census, which of the following states is the least populous state of India ?
(a) Himachal Pradesh
(b) Madhya Pradesh
(c) Kerala
(d) Sikkim

Q.33. Which of the following Gupta rulers assumed the title of 'Vikramaditya' after defeating the Shakas in the western regions ?
(a) Samudragupta (b) Kumaragupta I
(c) Chandragupta-I (d) Chandragupta-II

Q.34. Pandit Hariprasad Chaurasia is a world-renowned lecturer on _____.
(a) flute (b) Tabla (c) guitar (d) sitar

Q.35. Gully is a_____ position in cricket.
(a) between point and slip
(b) Same as point
(c) behind covers
(d) Same as slip condition

Q.36. In which of the following swimming styles the swimmers start entering the water facing the wall of the pool ?
(a) Freestyle (b) Backstroke
(c) Butterfly (d) Breaststroke

Q.37. Tulip Festival is associated with which of the following states/union territories ?
(a) Jammu and Kashmir (b) Kerala
(c) Tripura (d) Tamil Nadu

Q.38. Who has been elected as the new President of the World Bank in May 2023 ?
(a) Miguel Diaz-Canel (b) Ajay Banga
(c) David Malpass (d) Robert E Lucas

Q.39. The number of oscillations per second is called _____.
(a) pitch (b) frequency
(c) Hutters (d) dimension

Q.40. Which sector of the economy focuses on intellectual activities and innovation ?
(a) Primary Sector
(b) Secondary Sector
(c) Unorganised Sector
(d) Quaternary Sector

Quantitative Aptitude

Q.41. Hiten marks the price of his pen at Rs 28875 and even after giving a discount of 20 percent on the pen, he earns a profit of 40 percent. What is the cost price of the pen ?
(a) Rs 17000 (b) Rs 16800
(c) Rs 16000 (d) Rs 16500

Q.42. What will be the ratio of least common multiple and greatest common multiple of 110, 11 and 220 ?
(a) 80 : 1 (b) 6 : 1 (c) 20 : 1 (d) 40 : 1

Q.43. Sohan alone can complete a work in 18 days and Mohan alone can complete the same work in 36 days. In how many days will both of them together complete the same work ?
(a) 12 days (b) 15 days
(c) 14 days (d) 11 days

Q.44. If 4T = 3V = 12S, then what is the value of T : V : S ?
(a) 5 : 3 : 1 (b) 3 : 4 : 1
(c) 4 : 3 : 1 (d) 3 : 1 : 4

Q.45. What is the value of 540 - 270 ÷ 5 + 34 × 2 ?
(a) 554 (b) 518 (c) 532 (d) 496

Q.46. What should be subtracted from 980 to make the number equal to 40 percent of 1350 ?
(a) 430 (b) 440 (c) 450 (d) 460

Q.47. A, B and C working alone can do a piece of work in 10, 12 and 15 days respectively. All three of them started the work together but B left the work 3 days before its completion. In how many days was the work completed ?
(a) 5 days (b) 3 days
(c) 2 days (d) 4 days

Q.48. In an examination, Ramesh got 85, 123, 54, 98, 63 and 45 marks in some subjects. What are the average marks of Ramesh in those subjects ?
(a) 78 (b) 82 (c) 68 (d) 76

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Q.49. What will be the compound interest on a sum of Rs 7000 at the rate of 36 per cent per annum compounded half yearly for 1 year ?
(a) Rs 2878.8 (b) Rs 2928.8
(c) Rs 2746.8 (d) Rs 3088.8

Q.50. The radius of a sphere is 4.2 cm. What is the total surface area of the sphere ?
(a) 176.98 cm² (b) 196.52 cm²
(c) 248.36 cm² (d) 221.76 cm²

Q.51. The selling price of a car is Rs 11440. If the car is sold at a discount of 45 percent, what was the marked price of the car ?
(a) Rs 20300 (b) Rs 21050
(c) Rs 20800 (d) Rs 19850

Q.52. If Sundar takes a loan of Rs 45000 from Jethalal at 8% per annum simple interest, then how much interest will Sundar have to pay at the end of five years ?
(a) Rs 21000 (b) Rs 18000
(c) Rs 15000 (d) Rs 24000

Q.53. The average of 15 numbers is 33 and the average of 33 numbers is 15. Find the average of all the numbers.
(a) 22.55 (b) 20.625
(c) 15.55 (d) 27.25

Q.54. A businessman incurs a loss of 20 percent by selling an item for Rs 1600. At what price should he sell the article to earn a profit of 25 percent ?
(a) Rs 2400 (b) Rs 2000
(c) Rs 2500 (d) Rs 3000

Q.55. The ratio of two numbers is 3 : 1. The sum of the squares of those numbers is 810. What will be the sum of the numbers ?
(a) 60 (b) 27 (c) 24 (d) 36

Q.56. A's income is 20 percent more than B's income and B's income is 30 percent more than C's income. C's income is (approximately) what percent less than A's income ?
(a) 32 percent (b) 36 percent
(c) 30 percent (d) 40 percent

Q.57. Which of the following numbers is divisible by 9 ?
(a) 2254 (b) 4848 (c) 5848 (d) 4248

Q.58. A man earns a profit of 10 percent by selling a mobile at a certain price. If he sells that mobile at double the price, what will be the profit percentage ?
(a) 100 percent (b) 120 percent
(c) 130 percent (d) 140 percent

Q.59. Find the largest number by which dividing 68, 102 and 136 leaves the same remainder in each case.
(a) 17 (b) 34 (c) 33 (d) 51

Q.60. A 640 meter long train crosses another 920 meter long train in 24 seconds. Both trains are running in opposite directions. If the speed of both the trains is same, then what is the speed of the trains ?
(a) 117 kilometers per hour
(b) 105 kilometers per hour
(c) 136 kilometers per hour
(d) 129 kilometers per hour

English

Q.61. Four sentences are given, out of which three have all correct spellings.Choose the sentence with the incorrect spelt word/words.
(a) The judge said he could hug him for them words; so he cried, and his wife she cried again.
(b) Beyond the inky sea and far up that high, black shadow of a hill lived the Divers.
(c) Marner wanted the heaps of ten to grow into a square, and then into a larger square.
(d) This preparation for bonds, and the additional igneminy it inferred, took a little of the excitement out of me.

Q.62. Select the most appropriate synonym of the given word.
Bait
(a) Repulsion (b) Greed
(c) Food (d) Allurement

Q.63. Select the most appropriate option for the given blank.
Your sister is _____advantage of my situation.
(a) pulling (b) parting
(c) taking (d) returning

Q.64. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. People are acting the way evolution have wired them.
(a) No error (b) People are acting
(c) the way evolution (d) have wired them

Q.65. Choose the most appropriate antonym of the underlined word.
Many of these losses were due to the utter **incompetence** of the higher command.
(a) Lacuna (b) Boredom
(c) Adept (d) Inability

Q.66. Choose the word that is opposite in meaning to the given word.
Anonymity
(a) Importance (b) Bareness
(c) Cachet (d) Silence

Q.67. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
They are **working very hard in less time** to make the presentation on time.
(a) Scapegoat
(b) Off on the wrong foot
(c) Working against the clock
(d) Til the cows come home

Q.68. Select the most appropriate word to fill in the blank.
She is the _____ dancer in the competition
(a) worst (b) baddest (c) bad (d) worse

Q.69. The sentence has been divided into three parts, identify the segment which contains a spelling error in the sentence given below. Choose no error if there is no error in the sentence.
The proffessor noticed a misspelled word in /the student's essay and pointed out the/error during the class discussion.
(a) no error
(b) The proffessor noticed a misspelled word in
(c) error during the class discussion.
(d) the student's essay and pointed out the

Q.70. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I'm not <u>going to work</u> today.
(a) going to working (b) No improvement
(c) goes to work (d) go to work

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
In many ways, this is the best time in history to be alive.
(a) In many ways, this
(b) is the best time in
(c) history to be alive
(d) No error

Q.72. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
It will <u>none rained</u> in the West this summer
(a) no rained (b) not have raining
(c) No improvement (d) not rain

Q.73. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no

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error if there is no error in the sentence
Despite facing numerous challenges, she worked hardly/ to achieve her goals and ultimately/earned the well-deserved promotion.
(a) no error
(b) to achieve her goals and ultimately
(c) earned the well-deserved promotion.
(d) Despite facing numerous challenges, she worked hardly

Q.74. Improve the underlined part of the sentence. Choose No improvement as an answer if the sentence is grammatically
The scientists have so far focussed on improve cropped yields.
(a) improves crop
(b) improved cropping
(c) No improvement
(d) improving crop

Q.75. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To pop the question
(a) To mark important details
(b) To ask a nonsense question
(c) To propose marriage
(d) To give a wrong answer

Cloze Test :
Direction :- [Q.76. to Q.80.]
His back was (76)_____me, and he had his arms folded, and was nodding forward, heavy with sleep. I thought he would be (77)_____if I came upon him with his breakfast, in that unexpected manner, so I went (78)_____softly and touched him on the shoulder. He (79)_____jumped up, and it was not the same man, but another man! And there he was, looking bewildered and disoriented, as if he had (80)_____awakened from a deep dream. In his eyes, I saw a mix of fear and confusion, as if he was struggling to recognize the world around him, or perhaps, struggling to remember who he was.

Q.76. (a) below (b) above
(c) towards (d) beyond

Q.77. (a) gladdest (b) more gladder
(c) most glad (d) glad

Q.78. (a) onward (b) forth
(c) before (d) forward

Q.79. (a) tardily (b) constantly
(c) instantly (d) gracefully

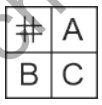
Q.80. (a) therefore (b) just
(c) after (d) SO

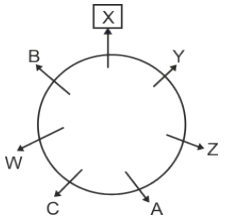
Answer Key :-

1.(a)	2.(d)	3.(b)	4.(b)
5.(b)	6.(a)	7.(d)	8.(a)
9.(d)	10.(a)	11.(a)	12.(d)
13.(d)	14.(d)	15.(d)	16.(b)
17.(c)	18.(d)	19.(b)	20.(b)
21.(b)	22.(b)	23.(a)	24.(a)
25.(a)	26.(c)	27.(b)	28.(a)
29.(c)	30.(c)	31.(c)	32.(d)
33.(d)	34.(a)	35.(a)	36.(b)
37.(a)	38.(b)	39.(b)	40.(d)
41.(d)	42.(c)	43.(a)	44.(b)
45.(a)	46.(b)	47.(a)	48.(a)
49.(c)	50.(d)	51.(c)	52.(b)
53.(b)	54.(c)	55.(d)	56.(b)
57.(d)	58.(b)	59.(b)	60.(a)
61.(d)	62.(d)	63.(c)	64.(d)
65.(c)	66.(a)	67.(c)	68.(a)
69.(b)	70.(b)	71.(d)	72.(d)
73.(d)	74.(d)	75.(c)	76.(c)
77.(d)	78.(d)	79.(c)	80.(b)

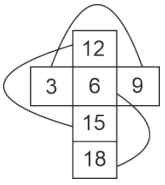
Solutions :-

Sol.1.(a) The correct order is:
Birth(5)→Bit(2)→Bitcoin(3)→Bite(4)→ Biter(1)

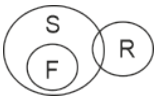
Sol.2.(d)


Sol.3.(b)


Sol.4.(b)


Sol.5.(b)


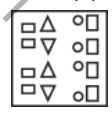
As we can see, the opposite faces are:
3 ↔ 9, 12 ↔ 15, 6 ↔ 18
Therefore, 15 is opposite to 12.

Sol.6.(a)


As we can see, none of the conclusions follows.

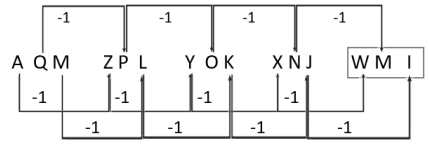
Sol.7.(d)

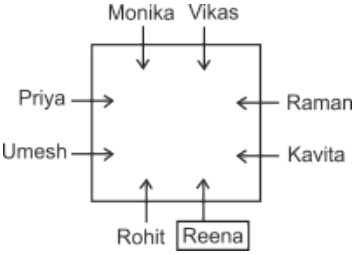

Sol.8.(a) Logic: sum of place values of letters = given number
PERJURY ⇒ 16 + 5 + 18 + 10 + 21 + 18 + 25 = 113
DECEPTION ⇒ 4 + 5 + 3 + 5 + 16 + 20 + 9 + 15 + 14 = 91
Similarly,
WITNESS ⇒ 23 + 9 + 20 + 14 + 5 + 19 + 19 = 109

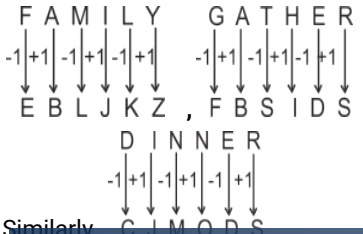
Sol.9.(d)


Sol.10.(a)
abb**c**d / abbc**d** / abb**c**d / ab**b**cd / **a**bbcd

Sol.11.(a) Given: 7 - 6 ÷ 4 × 2 + 5 = 3
On checking all the options one by one, option (a) satisfies, therefore interchanging ÷ with × and 6 with 5, we get:
⇒ 7 - 5 × 4 ÷ 2 + 6 = 3
⇒ 7 - 10 + 6 = 3 ⇒ 3 = 3 (LHS = RHS)

Sol.12.(d)


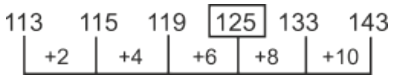
Sol.13.(d)


Sol.14.(d)


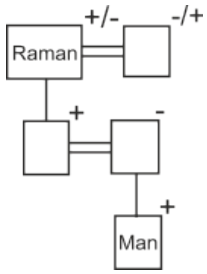
Similarly,

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Sol.15.(d)



Sol.16.(b)

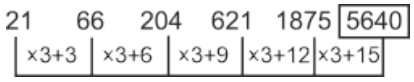


As we can see, that man is the son's son of raman.

Sol.17.(c) Logic: Interchanging A, B and C with -, + and ÷ respectively, we get,
20 A 25 B 70 C 7 = 5
⇒ 20 - 25 + 70 ÷ 7 = 5
30 A 40 B 75 C 15 = -5
⇒ 30 - 40 + 75 ÷ 15 = -5
Similarly
4 A 10 B 8 C 2 = ?
⇒ 4 - 10 + 8 ÷ 2 = -2

Sol.18.(d) Logic: product of place value of letters × 3 = given number
FBI ⇒ (6 × 2 × 9) × 3 = 108 × 3 = 324
HFG ⇒ (8 × 6 × 7) × 3 = 336 × 3 = 1008
Similarly
TBD ⇒ (20 × 2 × 4) × 3 = 160 × 3 = 480

Sol.19.(b)



Sol.20.(b)
As Vadodara is famous for banyan trees, cuttack is famous for silver, similarly dhanbad is famous for coal.

Sol.21.(b) Sattriya. Jatin Goswami received the Sangeet Natak Akademi Award in 2004 and the Padma Shri in 2008. Notable Sattriya exponents include Indira P. P. Bora, Sharodi Saikia, Guru Ghanakanta Bora, Manik Barbayan, and Bhabananda Barbayan.

Sol.22.(b) President. Article 74: There shall be a Council of Ministers with the Prime Minister at the head to aid and advise the President in the exercise of his functions. According to the Indian constitution, The President is the head of the Union. The Prime Minister is the head of government.

Sol.23.(a) nine. The Vande Bharat Express is an indigenously built semi high speed train, which can run up to a maximum speed of 160 kmph. It is manufactured by Integral Coach Factory (ICF), Chennai. The first Vande Bharat Express train was flagged off on February 15, 2019, on the New Delhi-Kanpur-Allahabad-Varanasi route.

Sol.24.(a) Manipuri is a classical dance form primarily performed in the state of Manipur, based on Vaishnavism and Ras Lila. Jagoi, a significant component of Ras Lila, highlights the Lasya element, while Cholam represents the Tandava form of classical dance. Notable Manipuri dancers include Guru Bipin Singh, the Jhaveri sisters (Nayana, Suverna, Ranjana, and Darshana), and Latasana Devi.

Sol.25.(a) 2023. The Mahila Samman Savings Certificate, 2023, is a small savings scheme offered by the Government of India to women investors. MSSC accounts may be opened by women of any age group including the girl child with a minimum deposit of ₹1000/- and maximum deposit of ₹2 Lakhs for a period of two years. The interest rate for MSSC is 7.5% p.a. which is compounded quarterly.

Sol.26.(c) Lord Dalhousie (1848-1856). According to the doctrine of Lapse, if a princely state's prince died without a biological heir, the state would be subjected to British East India Company authority. As per this, any adopted son of the Indian ruler could not be proclaimed as heir to the kingdom. During his tenure, Lord Dalhousie annexed the states of Satara (1848), Sambalpur (1850), Udaipur (1852), Nagpur (1853), and Jhansi (1854).

Sol.27.(b) Collateral. Every loan agreement specifies an interest rate that the borrower must pay to the lender along with the repayment of the principal. Additionally, lenders may require collateral (security) against loans. If the borrower fails to repay the loan, the lender has the right to sell the asset or collateral to recover the payment. Liabilities are obligations or debts that an enterprise has to pay at some time in the future.

Sol.28.(a) Fundamental Duties : It is included in the Part IVA (Article 51A) of the Constitution by 42nd Constitution amendment act 1976, on the recommendation of Swaran singh committee. Originally 10 in number, one more duty {Article 51A(k)} was added through the 86th Constitutional Amendment Act, 2002.

Sol.29.(c) Agriculture and food production. Norman Borlaug is known as the 'Father of Green Revolution' in world. He won the Nobel Peace Prize in 1970 for his work in developing High Yielding Varieties (HYVs) of wheat. The term "Green Revolution" was first used by William S. Gaud. M.S. Swaminathan is known as the 'Father of Green Revolution' in India.

Sol.30.(c) Hockey. Other major hockey trophies/cups include the Rangaswami Cup, Sultan Azlan Shah Cup, and Ranjit Singh Gold Cup. Major cricket trophies are the Asia Cup, Irani Trophy, and Ranji Trophy. Major lawn tennis trophies are the Davis Cup and the U Thant Cup. Major football trophies include the Subroto Cup, Santosh Trophy, and FIFA World Cup.

Sol.31.(c) 0 to 14. The child dependency ratio is a demographic indicator that measures the number of children aged 0–14 per 100 people aged 15–64. The dependency ratio is a measure comparing the portion of a population which is composed of dependents (i.e., elderly people who are too old to work, and children who are too young to work) with the portion that is in the working age group, generally defined as 15 to 64 years. The dependency ratio is equal to the population below 15 or above 64, divided by population in the 15-64 age group; the ratio is usually expressed as a percentage.

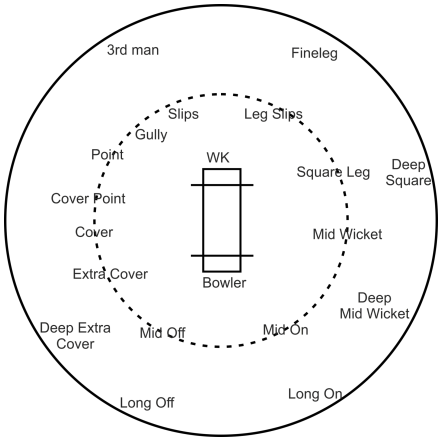
Sol.32.(d) Sikkim. According to the 2011 census, Uttar Pradesh is the most populated state in India. Among Union territories, Delhi is the most populated and Lakshadweep is the least populated in India. Bihar was the most densely populated state in India, with 1,106 people per square kilometer. Arunachal Pradesh has the lowest population density in India, with 17 people per square kilometer.

Sol.33.(d) Chandragupta-II was the Successor of Samudragupta. He defeated the Western Kshatrapas and expanded the Gupta Empire from the Indus River in the west to the Bengal region in the east, and from the Himalayan foothills in the north to the Narmada River in the south. His daughter, Prabhavatigupta, was queen of the southern Vakataka kingdom. Chinese traveler Fa-Hien visited India during his reign. Kalidasa was a Sanskrit poet and playwright who served in the court of Gupta king Chandragupta II.

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Sol.34.(a) flute. Pandit Hariprasad Chaurasia belongs to the Maihar Senia gharana (of Hindustani classical music. His awards include the Sangeet Natak Akademi Award (1983), Padma Bhushan (1992), and Padma Vibhushan (2000). Other notable flutists include Pannalal Ghosh, Devendra Murdeshwar, Nityanand Haldipur, Ronu Majumdar, and Chetan Joshi.

Sol.35.(a) between point and slip. Different field position in cricket :



Sol.36.(b) Backstroke: It combines an alternating motion of the arms with a flutter kick, but is done with the face and chest facing upward out of the water. Front Stroke or Freestyle: A swimmer can swim in any manner. It is also called crawl because the swimmer uses alternate stroking of the arms over the water surface with up and down kick action of legs. Breaststroke: The arms must move simultaneously in mirrored forward - then - outward - then - backward circles. Throughout this motion the elbows remain underwater. Butterfly Stroke: The most powerful and physically demanding stroke, it involves simultaneous overhead swinging of the arms combined with a dolphin kick.

Sol.37.(a) Jammu and Kashmir. Tulip festival is an annual celebration that aims to showcase the magic of Tulips in the world famous Tulip garden as part of tourism efforts by the Government of Jammu and Kashmir. It is organized during the onset of spring season in Kashmir valley. Other festivals of Jammu and Kashmir: Shikara Festival, Saffron Festival, Gurez Festival, etc,.

Sol.38.(b) Ajay Banga : He is the 14th President of the World Bank Group. On 2 June 2023, he began his five-year term as World Bank Group President. Ajay Banga most recently served as Vice Chairman at General Atlantic. Previously, he was President and CEO of Mastercard. He is a co-founder of The Cyber Readiness Institute. The President of India awarded him Padma Shri in 2016.

Sol.39.(b) Frequency is the number of vibrations, oscillations, or the number of occurrences of a repeating event per unit of time. The SI unit for frequency is Hertz (Hz). The time period is defined as the time required to complete one oscillation.

Sol.40.(d) Quaternary Sector of the economy is sometimes called the knowledge economy. Quaternary activities involve the collection, production, dissemination, and processing of information. Quaternary activities centre around research, development and may be seen as an advanced form of services involving specialised knowledge and technical skills.

Sol.41.(d) According to question,

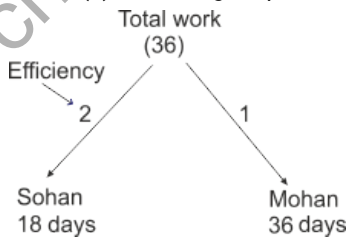
Selling price of the pen = $28875 \times \frac{80}{100}$

= 23100 Rs.

Cost price = $\frac{23100 \times 100}{140}$ = 16500 Rs.

Sol.42.(c) According to question,
LCM of (110, 11, 220) = 220
HCF of (110, 11, 220) = 11
Required ratio = 220 : 11 = 20 : 1

Sol.43.(a) According to question,



Required time = $\frac{36}{2+1}$ = 12 days.

Sol.44.(b) 4T = 3V = 12S
Let 4T = 3V = 12S = k

Then, T = $\frac{k}{4}$, V = $\frac{k}{3}$, and S = $\frac{k}{12}$

Hence,

T : V : S = $\frac{k}{4} : \frac{k}{3} : \frac{k}{12}$ = 3 : 4 : 1

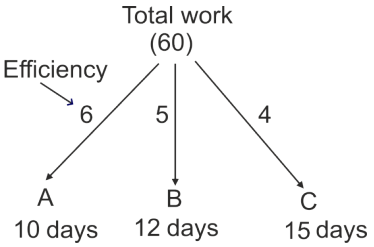
Sol.45.(a) 540 - 270 ÷ 5 + 34 × 2
= 540 - 54 + 68 ⇒ 554

Sol.46.(b) According to question,

40 % of 1350 = 1350 × $\frac{40}{100}$ = 540

Therefore, required number = 980 - 540
= 440

Sol.47.(a)



As per question, B leaves before 3 days of completion of work.
Let us assume B works for 3 days.
Then, total work = 60 + (3 × 5) = 75 unit

Therefore, required time = $\frac{75}{6+5+4}$
= 5 days.

Sol.48.(a) According to question,
Required average

= $\frac{85+123+54+98+63+45}{6}$

= $\frac{468}{6}$ = 78.

Sol.49.(c) For half year;

Amount = P $(1 + \frac{\frac{R}{2}}{100})^T$

According to question,

Amount = 7000 × $(1 + \frac{18}{100})^2$

= 9746.8 Rs.
CI = 9746.8 - 7000 = 2746.8 Rs.

Sol.50.(d)
Total surface area of sphere = $4\pi r^2$
According to question,

$4\pi r^2 = 4 \times \frac{22}{7} \times 4.2 \times 4.2$ = 221.76 cm².

Sol.51.(c) According to question,

Marked price of car = $\frac{11440 \times 100}{(100-45)}$

= 20800 Rs.

Sol.52.(b) SI = $\frac{p \times r \times t}{100}$

According to question,

SI = $\frac{45000 \times 8 \times 5}{100}$ = 18000 Rs.

Sol.53.(b) According to question,
Sum of 15 numbers = 33 × 15 = 495
Sum of 33 numbers = 15 × 33 = 495

Therefore, required average = $\frac{495+495}{15+33}$

= 20.625.

Sol.54.(c) According to question,

Cost price of article = 1600 × $\frac{100}{80}$

= 2000 Rs.
Now, profit = 25%

Therefore, required price = $\frac{2000 \times 125}{100}$

= 2500 Rs.

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Sol.55.(d) Let the numbers be 3a and a.
According to question,
$(3a)^2 + a^2 = 810$
$10a^2 = 810$
$a^2 = 81 \Rightarrow a = 9$
Then the numbers are (3×9) = 27 and 9.
Then, required sum = 27 + 9 = 36.

Sol.56.(b) Let income of C be 100 units.
According to question,
Income of B = $100 \times \frac{130}{100}$ = 130 unit
And income of A = $130 \times \frac{120}{100}$ = 156 unit
Therefore, required % = $\frac{156-100}{156} \times 100$
= 35.89 % ≈ 36%.

Sol.57.(d) Divisibility of 9 : Sum of digits of the number must be divisible by 9.
2254 :- Sum of digits = 2 + 2 + 5 + 4 = 13 [not divisible by 9]
4848 :- Sum of digits = 4 + 8 + 4 + 8 = 24 [not divisible by 9]
5848 :- Sum of digits = 5 + 8 + 4 + 8 = 25 [not divisible by 9]
4248 :- Sum of digits = 4 + 2 + 4 + 8 = 18 [divisible by 9]

Sol.58.(b)
Let the cost price of mobile be Rs. 100.
Then, Initial selling price = 110 Rs.
According to question,
New selling price of mobile = 110 × 2
= 220 Rs.
Then, required % = $\frac{220-100}{100} \times 100$
= 120%

Sol.59.(b) According to question,
HCF of (68, 102, 136) = 34

Sol.60.(a) Speed = $\frac{Distance}{Time}$
Let speed of both trains be S_1 and S_2.
According to question,
$S_1 = S_2$
Distance $(l_1 + l_2)$ = 640 + 920 = 1560 m
= 1.560 km
Time = 24 sec = $\frac{1}{150}$hr
Then, speed $(S_1 + S_2) = \frac{(l_1+l_2)}{t}$
$= \frac{1.560}{\frac{1}{150}}$ = 234 km/hr
Therefore, required speed = $\frac{234}{2}$
= 117 km/hr.

Sol.61.(d) This preparation for bonds, and the additional igneminy it inferred, took a little of the excitement out of me.
'Ignominy' is the correct spelling.

Sol.62.(d) Allurement- power of attraction or fascination.
Bait- something that is used for attracting somebody.
Repulsion- strong dislike or disapproval.
Greed- an excessive desire for more.

Sol.63.(c) taking
'Taking' is the correct verb to use with 'advantage'. 'Taking advantage' means to exploit for one's own benefit. Hence, 'taking' is the most appropriate answer.

Sol.64.(d) have wired them
'Evolution' is a singular subject that will take the singular verb 'has'. Hence, 'has wired them' is the most appropriate answer.

Sol.65.(c) Adept- very good or skilful at something.
Incompetence- lack of ability to do something successfully.
Lacuna- a blank space or a missing part.
Boredom- the state of being bored.
Inability- lack of ability, power or skill.

Sol.66.(a) Importance- the state or fact of being of great significance or value.
Anonymity- lack of outstanding, individual, or unusual features.
Bareness- the fact of not being covered with or protected by anything.
Cachet- the state of being respected or admired.
Silence- absence of noise.

Sol.67.(c) Working against the clock- working very hard in less time.

Sol.68.(a) worst
Superlative degree adjective is used with article 'the'. 'Worst' is the superlative degree of 'bad'. Hence, 'worst' is the most appropriate answer.

Sol.69.(b) The proffessor noticed a misspelled word in
'Professor' is the correct spelling.

Sol.70.(b) No improvement
The given sentence is grammatically correct.

Sol.71.(d) No error
The given sentence is grammatically correct.

Sol.72.(d) not rain
'Will + not + V_1' is the correct grammatical structure for the negative sentence of simple future tense. Hence, 'not rain(V_1)' is the most appropriate answer.

Sol.73.(d) Despite facing numerous challenges, she worked hardly
'hardly' means barely or almost not, which is not the intended meaning in this sentence. The correct word should be 'hard', which means with a lot of effort. Hence, 'Despite facing numerous challenges, she worked hard' is the most appropriate answer.

Sol.74.(d) improving crop
A preposition (on) is followed by a noun, pronoun or gerund(V_{ing}). Hence, 'improving(V_{ing}) crop' is the most appropriate answer.

Sol.75.(c) To pop the question- to propose marriage.
E.g.- After dating for four years, he finally decided to pop the question.

Sol.76.(c) towards
Towards means in the direction of. The given passage states that his back was in my direction. Hence, 'towards' is the most appropriate answer.

Sol.77.(d) glad
Positive degree 'glad' will be used as there is no comparison in this sentence. Hence, 'glad' is the most appropriate answer.

Sol.78.(d) forward
'Forward' means in the direction ahead of you. The given passage states that I went forward softly and touched him on the shoulder. Hence, 'forward' is the most appropriate answer.

Sol.79.(c) instantly
Instantly means without delay, immediately. The given passage states that he instantly jumped up. Hence, 'instantly' is the most appropriate answer.

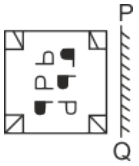
Sol.80.(b) just
'Just' is an adverb of time used in perfect tense. 'Just' means a moment before. The given passage states that he was looking bewildered and disoriented, as if he had just awakened from a deep dream. Hence, 'just' is the most appropriate answer.

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SSC GD Constable
01/03/2024 (3rd Shift)

Reasoning

Q.1. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure ?



(a) 
(b) 
(c) 
(d) 

Q.2. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.

Statements:
I. Some L are S.
II. All T are S.
Conclusions:
I. No T is L.
II. No S is T.
(a) Both conclusions I and II follows.
(b) Only conclusion I follows.
(c) Neither conclusion follows.
(d) Only conclusion II follows.

Q.3. If 30 A 30 B7 C 40 = 280 and 38 A 40 B 20 C 100 = 938, then 6 A 8 B 4 C 5 = ?
(a) 49 (b) 43 (c) 45 (d) 51

Q.4. A × B' means 'A is the wife of B'
'A + B' means 'A is the brother of B'
'A ÷ B' means 'A is the sister of B'
'A - B' means 'A is the son of B'
How is T related to R in the expression 'T × S + P - R' ?
(a) Daughter (b) Sister
(c) Son's wife (d) Wife

Q.5. Arrange the given words in the sequence in which they occur in the dictionary.
1. Cigar 2. Cinema 3. Cipher 4. Cider 5. Cinnabar
(a) 41235 (b) 21345
(c) 21354 (d) 41253

Q.6. Six people Mia, Alexander, Sophia, Liam, Olivia, and Ethan are sitting on a circular table facing towards the centre. Mia sits to the immediate right of Ethan. Sophia sits opposite to Ethan. Alexander and Olivia sit opposite to each other and Alexander is not a neighbour of Liam. Who sits to the immediate right of Olivia?
(a) Ethan (b) Alexander
(c) Liam (d) Sophia

Q.7. Which of the following letter clusters will replace the blank (_____) in the given series ?
UHI,_____ , WLM, XNO, YPQ, ZRS
(a) WHI (b) VHI (c) VJK (d) WJK

Q.8. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
COMMAND : DICTATE :: ADVICE : GUIDANCE : : RUMOUR : ?
(a) SPEECH (b) HARD FACT
(c) GOSSIP (d) ANNOUNCED

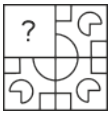
Q.9. In a certain code language, if BRINJAL is coded as ZPKLHCJ, TOMATO is coded as RQKCRQ, then what will STRAWBERRY be coded as ?
(a) WPPGZUCPRQ (b) KOIURYETWQ
(c) QWTEYRUIOK (d) QRPCUZGPPW

Q.10. After interchanging the given two signs what will be the values of expression (I) and (II) respectively ?
× and ÷
I. 8 + 4 - 6 × 3 ÷ 5
II. 20 + 15 × 30 ÷ 10
(a) 18 and 14 (b) 2 and 30
(c) 6 and 17 (d) 2 and 25

Q.11. In a certain code language, 'PARTY' is coded as '81', 'PLACE' is coded as '38'. What is the code for 'PRIME' in that code language ?
(a) 62 (b) 65 (c) 63 (d) 64

Q.12. In the following question, select the missing number from the given series.
500, 512, 498, ?, 496, 516, 494, 518
(a) 500 (b) 515 (c) 520 (d) 514

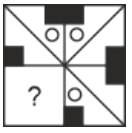
Q.13. Which answer figure will complete the pattern in the question figure ? (rotation is NOT allowed)



(a) 
(b) 
(c) 
(d) 

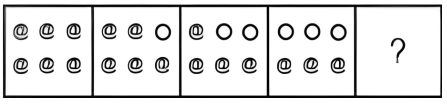
Q.14. Which letter should be in place of the question mark (?) in the following series ?
H, E, ?, F, N, G, Q, H
(a) J (b) H (c) K (d) I

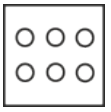
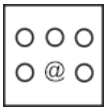
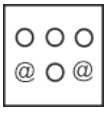
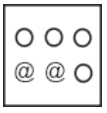
Q.15. Which answer figure will complete the pattern in the question figure ? (rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.16. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

Q.17. Select the figure that will replace the question mark (?) in the following figure series.



(a) 
(b) 
(c) 
(d) 

Q.18. In the following question, select the missing number from the given series.
211, 179, 146, 112, 77, ?
(a) 40 (b) 43 (c) 44 (d) 41

Q.19. Select the option that is related to the third word in the same way as the second word is related to the first word.
Rome : Italy : : Madrid : ?

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(a) France (b) Germany
(c) Spain (d) Portugal

Q.20. Six colleagues Oscar, Paul, Quinn, Rachel, Sophie, and Tyler are sitting in a circle facing away from the center. Oscar is sitting to the immediate right of Paul. Rachel is not sitting next to Oscar. Sophie, who is sitting to the immediate left of Paul, is also sitting to the immediate right of Tyler. Who is sitting to the exact opposite of Oscar ?
(a) Tyler (b) Rachel (c) Quinn (d) Paul

General Awareness

Q.21. How are the representatives of the Union Territories (UTs) in the Rajya Sabha elected ?
(a) By direct election
(b) Indirectly elected by members of an electoral college
(c) By nomination from the President
(d) By members of state legislative assemblies

Q.22. Sex ratio is used to describe the number of females per _____ males.
(a) 10000 (b) 1000 (c) 100 (d) 10

Q.23. Which of the following Indian stadium is renowned as a major venue for hockey matches ?
(a) Chinnaswamy Stadium
(b) Kalinga Stadium
(c) M. A. Chidambaram Stadium
(d) Wankhede Stadium

Q.24. A fast and low shot in badminton that makes a horizontal flight over the net is known as _____
(a) flick (b) array (c) drop (d) drive

Q.25. In India, the _____ may create and dissolve any of the union territories, whose powers are more limited than those of the states.
(a) Chief Justice of India
(b) President
(c) Union Government
(d) State Government

Q.26. With what musical instrument is Ustad Binda Khan associated ?
(a) Been (b) Sitar (c) Sarod (a) Sarangi

Q.27. Matho Nagrang' is associated with which of the following states/UTs ?
(a) Sikkim (b) Nagaland
(c) Chandigarh (d) Ladakh

Q.28. The X-ring on the archery target is the _____ inner ring.
(a) 5th (b) 10th (c) 7th (d) 9th

Q.29. Read the following about the Green Revolution in India.
A. The Green Revolution in India is largely the Wheat Revolution as the wheat production increased by more than three times between 1967-68 and 2003-04, while the overall increase in the production of cereals was only two times
B. It resulted in a grain output of 131 million tonnes in the year 1978-79 and established India as one of the world's biggest agricultural producers.
Identify the CORRECT statement/statements.
(a) Neither A nor B (b) Only B
(c) Only A (d) Both A and B

Q.30. Which state has introduced an upgraded version of its poverty alleviation scheme called Orunodoi 2.0 ?
(a) West Bengal (b) Assam
(c) Kerala (d) Madhya Pradesh

Q.31. Fundamental Rights are contained in _____of the Constitution of India.
(a) Part III (b) Part IX
(c) Part X (d) Part XI

Q.32. The Iron Age in India is associated with the _____ period, which lasted from about 1500 to 500 BCE.
(a) Vedic (b) British
(c) Mauryan (d) Mughal

Q.33. What is the primary purpose of a government budget in a country's economy ?
(a) Finding Inflation Rate
(b) Promoting international trade
(c) Allocating resources efficiently
(d) Finding the Gross Domestic Product

Q.34. Who has been nominated as Ambassador for War Against Waste in Jammu and Kashmir, in September 2023 ?
(a) Bana Singh (b) Amit Shah
(c) Vidya Balan (d) Narendra Modi

Q.35. The Jallianwala Bagh Massacre took place in Amritsar in 1919, during which policy or act that allowed the British to arrest and imprison Indians without trial ?
(a) Government of India Act
(b) Rowlatt Act
(c) Simon Commission
(d) Montagu-Chelmsford Reform

Q.36. Consider the following statements
A) A gas that follows Boyle's law, Charles' law and Avogadro law is called an ideal gas.
B) As per Gay Lussac's law, at constant volume, pressure of a fixed amount of a gas varies directly with the temperature.
C) Silicon is present in group 14 and period 3 of the periodic table.
(a) Both A and C is true
(b) Both A and B is true
(c) Only B and C is true
(d) A, B, C are true

Q.37. With respect to the Anusandhan National Research Foundation Bill, 2023, who will audit the accounts of the Anusandhan National Research Foundation annually ?
(a) External Affairs Minister
(b) Finance Commissioner
(c) Central Vigilance Commissioner
(d) CAG

Q.38. Who of the following received Sangeet Natak Akademi Award for his contribution to Sattriya dance ?
(a) Maulik Shah
(b) Akham Lakshmi Devi
(c) Radha Sridhar
(d) Tankeswar Hazarika Borbayan

Q.39. India's population pyramid, with a wide base and narrower top, suggests what type of population structure ?
(a) Stable (b) Constrictive
(c) Stationary (d) Expansive

Q.40. In the first phase of the Green Revolution, which states primarily benefited from the use of HYV seeds?
(a) Punjab, Uttar Pradesh and Bihar
(b) Rajasthan, Gujarat and Maharashtra
(c) Tamil Nadu, Kerala and Karnataka
(d) Punjab, Andhra Pradesh, and Tamil Nadu

Quantitative Aptitude

Q.41. What is the value of $96 \div 8 \times (4$ of $(14 + 2 \times 7) - 10 \times 10)$?
(a) 144 (b) 72 (c) 1 (d) 16

Q.42. A person sold a watch for $450, incurring a loss of 10%. Find the cost price.
(a) $595 (b) $520 (c) $500 (d) $565

Q.43. How much amount will be received on a principal of Rs. 21500 at the rate of 35 percent per annum compounded annually for 2 years ?
(a) Rs. 41878.50 (b) Rs. 40187.50
(c) Rs. 39183.75 (d) Rs. 42823.75

Q.44. The simple interest received on a sum at the rate of 4 percent per annum is $\frac{3}{5}$ of the sum. What is the time period ?

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(a) 12 years (b) 10 years
(c) 20 years (d) 15 years

Q.45. A man travelled four equal distances of 10 km at the speeds of 7 km/hr, 14 km/hr, 21 km/hr and 28 km/hr respectively. What is his average speed ?
(a) $\frac{348}{25}$km/hr (b) $\frac{296}{25}$ km/hr
(c) $\frac{392}{25}$km/hr (d) $\frac{336}{25}$ km/hr

Q.46. Deepak bought product A and marked them at 22% higher price than the cost price. Finally he sold the product at 15% discount. What will be the profit or loss percentage ?
(a) 3.7% loss (b) 5.8% loss
(c) 3.7% profit (d) 5.7% profit

Q.47. The ratio of P, Q and R is 3:5: 8 respectively. If their sum is 400, then what is the difference between P and R?
(a) 50 (b) 125 (c) 100 (d) 75

Q.48. John can complete a task in 6 hours, and Mark can complete the same task in 8 hours. How long will it take for both of them working together to finish the task ?
(a) $\frac{31}{5}$ hours (b) $\frac{21}{11}$ hours
(c) $\frac{40}{7}$ hours (d) $\frac{24}{7}$ hours

Q.49. What is the curved surface area of a cylinder having radius of base as 63 cm and height as 20 cm ?
(a) 7920 cm² (b) 8340 cm²
(c) 8620 cm² (a) 7640 cm²

Q.50. X and Y together can complete a work in 60 days. They started the work together but after 30 days X left the work. If the remaining work is completed by Y in 75 more days, then X alone can complete the entire work in how many days ?
(a) 90 (b) 70 (c) 100 (d) 80

Q.51. If 50 percent of 750 is 25 percent more than M, then what is the value of M ?
(a) 305 (b) 395 (c) 310 (d) 300

Q.52. The selling price of an article is Rs. 1482. If discount of 22 percent is given, then what will be the marked price of the article ?
(a) Rs.2000 (b) Rs.2100
(c) Rs.1800 (d) Rs.1900

Q.53. The cost price of 90 tables is same as the selling price of x tables. If there is a profit of 50 percent, then what is the value of x ?
(a) 75 (b) 50 (c) 65 (d) 60

Q.54. How many composite numbers are there from 1 to 19 ?
(a) 13 (b) 10 (c) 11 (d) 9

Q.55. What is the value of
15 of 15 - 6 of 11 × 12 + 25 × 25 + 21 × 4 ?
(a) 132 (b) 162 (c) 152 (d) 142

Q.56. Two numbers are in the ratio 3 : 4, and their HCF is 5. Find their LCM.
(a) 62 (b) 60 (c) 48 (d) 58

Q.57. In a match, average runs scored by 4 batsmen is 61. If the runs scored by 3 batsmen are 68, 31 and 27 respectively, then how many runs did the fourth player score ?
(a) 130 (b) 112 (c) 118 (d) 121

Q.58. A number is increased by 25% and then again increase by 25%. By what percent should the increased number be reduced so as to get back the original number ?
(a) 44% (b) 55% (c) 24% (d) 36%

Q.59. The average of five consecutive odd numbers is 19. What is the largest number out of these five numbers ?
(a) 23 (b) 21 (c) 27 (d) 25

Q.60. If a : b : c = 2 : 5 : 3 and c : d = 5 : 2, then what is the value of a : b : c : d ?
(a) 9 : 25 : 15 : 4 (b) 10 : 25 : 15 : 6
(c) 10 : 25 : 5 : 2 (d) 10 : 25 : 5 : 3

English

Q.61. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I know Rohan has been going through a tough time latter.
(a) a tough time latter.
(b) I know Rohan has
(c) No error
(d) been going through

Q.62. Fill in the blank with the correct homophone:
She wanted_____join the hiking trip too, as the mountains held a special place in her heart.
(a) too (b) to (c) toon (d) two

Q.63. The sentence has been divided into three parts, identify the error segment in the sentence given below. Choose no error if there is no error in the sentence.
Neither of them have shown any/ interest in taking on the challenging/ project that was assigned to the team.
(a) no error
(b) interest in taking on the challenging
(c) project that was assigned to the team.
(d) Neither of them have shown any

Q.64. Select the incorrectly spelt word from the given sentence.
The most notorious serial killer of the 19th century remains known only by the psudonym of Jack the Ripper.
(a) century (b) notorious
(c) psudonym (d) serial

Q.65. Select the most appropriate word to fill in the blank.
As a child, he was tender and warm-hearted towards_____
(a) one (b) everybody
(c) everywhere (d) whomever

Q.66. Choose the most appropriate antonym of the underlined word.
Russia uses the prospect of a gas cutoff to put pressure on Kiev and **compel** Europe.
(a) Discourage (b) Coerce
(c) Dissuade (d) Assist

Q.67. Choose the most appropriate antonym of the underlined word.
She began to think more about the origins of his views.
(a) influence (b) destiny
(c) author (d) inheritors

Q.68. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The creek flooding every spring.
(a) creeks floods
(b) creek floods
(c) creek has been floods
(d) No improvement

Q.69. Select the most appropriate option for the given blank.
They need to _____ their own business; my life is not their concern.
(a) mind (b) mend (c) hit (d) hint

Q.70. Select the most appropriate word to fill in the blank.
Are you_____aware of what may happen ?
(a) fully (b) freely (c) firm (d) full

Q.71. Select the sentence with no spelling errors.
(a) Each religon claims that its own holy book is the direct concealment of God.
(b) Each religion claims that its own holy book is the direct conceelment of God.
(c) Each religion claims that its own holi

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book is the direct concealment of God.

(d) Each religion claims that its own holy book is the direct concealment of God.

Q.72. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
My colleague thinks that I am inferior than her.
(a) My colleague thinks (b) No error
(c) inferior than her. (d) that I am

Q.73. Select the most appropriate meaning of the given idiom.
Let your hair down
(a) Forget everything.
(b) Financially ruined
(c) To behave freely
(d) The power of the mind is stranger than the body.

Q.74. Choose the correct words to complete the sentence:
Despite the (1)_____challenges they faced during their (2)_____ journey, the explorers remained determined to reach the (3) _____ of their expedition
(a) extraordinary, swift, midpoint
(b) trivial, pleasant, destination
(c) numerous, perilous, end
(d) tedious, brief, beginning

Q.75. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
People were very **angry** over the demolition of the old theatre.
(a) Break a leg (b) Run out of steam
(c) Armchair critic (d) Up in arms

Cloze Test :
Direction :- [Q.76. to Q.80.]
Whole grains contain antioxidants that (76) _____ your tissues from harmful inflammation. Plus, they're loaded (77) _____ minerals like calcium, potassium, magnesium, zinc and iron – important building (78) _____ for a strong immune system and healthy heart. The B vitamins (79) _____ in whole grains also help your body convert food (80) _____ energy.

Q.76. (a) correct (b) simplify
(c) protect (d) pertain

Q.77. (a) with (b) over (c) of (d) from

Q.78. (a) blocks (b) stacks
(c) chains (d) steps

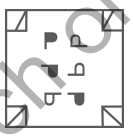
Q.79. (a) founded (b) finding
(c) find (d) found

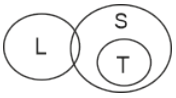
Q.80. (a) into (b) on (c) in (d) onto

Answer Key :-

1.(c)	2.(c)	3.(b)	4.(c)
5.(d)	6.(a)	7.(c)	8.(c)
9.(d)	10.(d)	11.(a)	12.(d)
13.(c)	14.(c)	15.(a)	16.(d)
17.(a)	18.(d)	19.(c)	20.(a)
21.(b)	22.(b)	23.(b)	24.(d)
25.(c)	26.(d)	27.(d)	28.(b)
29.(d)	30.(b)	31.(a)	32.(a)
33.(c)	34.(a)	35.(b)	36.(d)
37.(d)	38.(d)	39.(d)	40.(d)
41.(a)	42.(c)	43.(c)	44.(d)
45.(d)	46.(c)	47.(b)	48.(d)
49.(a)	50.(c)	51.(d)	52.(d)
53.(d)	54.(b)	55.(d)	56.(b)
57.(c)	58.(d)	59.(a)	60.(b)
61.(a)	62.(b)	63.(d)	64.(c)
65.(b)	66.(b)	67.(d)	68.(b)
69.(a)	70.(a)	71.(d)	72.(c)
73.(c)	74.(c)	75.(d)	76.(c)
77.(a)	78.(a)	79.(d)	80.(a)

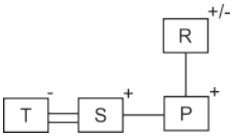
Solutions :-

Sol.1.(c)


Sol.2.(c)


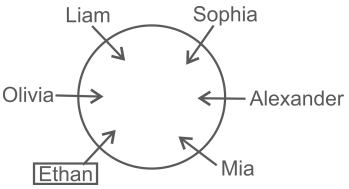
Neither conclusion follows.

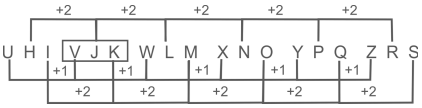
Sol.3.(b) Logic :- Interchanging A, B and C with + , ×, + respectively, we get
⇒ 30 A 30 B 7 C 40 = 280
30 + 30 × 7 + 40
30 + 210 + 40 = 280
⇒ 38 A 40 B 20 C 100 = 938
38 + 40 × 20 + 100
38 + 800 + 100 = 938
Similarly, ⇒ 6 A 8 B 4 C 5
6 + 8 × 4 + 5
6 + 32 + 5 = 43

Sol.4.(c)


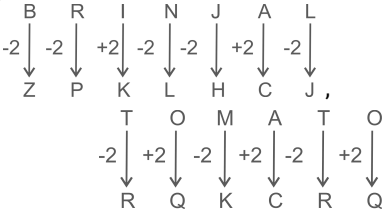
T is the Son's wife of R.

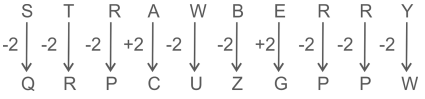
Sol.5.(d) The correct order is
Cider(4) → Cigar(1) → Cinema(2) → Cinnabar(5) → Cipher(3)

Sol.6.(a)


Sol.7.(c)


Sol.8.(c) As Command is the synonym of Dictate, Advice is the synonym of guidance , similarly Rumor is the synonym of Gossip.

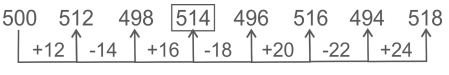
Sol.9.(d) Logic :- In vowels we will add 2 and in consonants we will subtract 2.


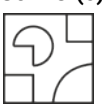
Similarly,


Sol.10.(d) As per given instruction after interchanging the × and ÷ we get
I. 8 + 4 - 6 × 3 ÷ 5
⇒ 8 + 4 - 6 ÷ 3 × 5 ⇒ 12 - 2× 5 = 2

II. 20 + 15 × 30 ÷ 10
⇒ 20 + 15 ÷ 30 × 10 ⇒ 20 + 5 = 25

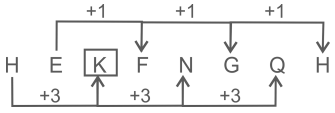
Sol.11.(a) Logic :-(Sum of the place value of letters) + 1
PARTY :- (16 + 1 + 18 + 20 + 25) + 1
⇒ (80) + 1 = 81
PLACE :- (16 + 12 + 1 + 3 + 5) + 1
⇒ (37) + 1 = 38
Similarly,
PRIME :- (16 + 18 + 9 + 13 + 5) + 1
⇒ (61) + 1 = 62

Sol.12.(d)


Sol.13.(c)


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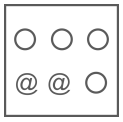
Sol.14.(c)



Sol.15.(a)



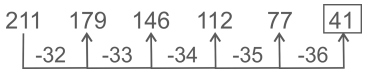
Sol.16.(d)



Sol.17.(a)

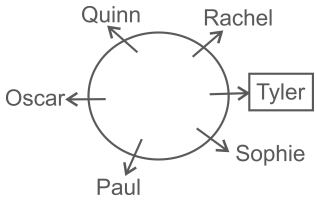


Sol.18.(d)



Sol.19.(c) As Rome is the capital of Italy similarly Madrid is the capital of Spain.

Sol.20.(a)



Sol.21.(b) Members of Rajya Sabha are indirectly elected by the elected members of the Legislative Assembly of that State and Union Territory, in accordance with the system of proportional representation by means of the single transferable vote. The Rajya Sabha has a maximum strength of 250 members, of which 238 are representatives of the states and Union Territories (elected indirectly), and 12 are nominated by the President. Only three Union Territories - Delhi, Puducherry, and Jammu & Kashmir - have representation in the Rajya Sabha, while others do not have enough population.

Sol.22.(b) 1000. As per Census 2011, sex ratio in India was 943. The child sex ratio (for ages 0-6) was 919. In some countries, sex ratio is expressed as the number of males per thousand females. At world level, sex ratio is about 102 males per 100 females.

Sol.23.(b) Kalinga Stadium is a multi-purpose international sports complex in Bhubaneswar, Odisha. Other hockey stadiums in India include the Birsa Munda International Hockey Stadium (Odisha), Aishbagh Stadium (Madhya Pradesh), Sardar Vallabhbhai Patel International Hockey Stadium (Chhattisgarh), and Maulana Md. Tayabullah Hockey Stadium (Assam).

Sol.24.(d) drive: These are shots hit flat into the side zones with impact of the racquet hand. Other Fundamental Skills of Badminton: Drop - This shot is slow and is hit gently but firmly and after clearing the net the shuttle falls close to the net. Toss and clear - The shuttle is hit high and deep towards the baseline of the opponent. Smash - The player will jump upwards, sideways and backwards and the shuttle is hit (smashed) quickly and forcefully downwards.

Sol.25.(c) Union Government. Articles 239 to 241 in Part VIII of the Constitution deal with the union territories. Article 239 – Union Territory shall be administered by the President through an Administrator to be appointed by the President. Article 239A provides for creation of local Legislatures or Council of Ministers or both for certain Union Territories. Article 239AA was added by 69th Constitutional Amendment Act, 1991. It says that Union Territory of Delhi shall be called the National Capital Territory of Delhi and the Administrator thereof appointed under Article 239 shall be designated as the Lieutenant Governor.

Sol.26.(d) Sarangi. Musical Instruments and their exponents: Sarangi - Shakoor Khan, Ram Narayan, Sabri Khan, Moinuddin Khan, Sultan Khan. Been - Dabir Khan. Sitar - Kartik Kumar, Manju Mehta, Kushal Das. Sarod - Buddhadev Das Gupta, Rajeev Taranath, Aashish Khan, Tejendra Majumdar.

Sol.27.(d) Ladakh. Matho Nagrang festival is celebrated on the 14th and 15th day of the first month of the Tibetan calendar at the Matho Monastery in Ladakh. Other festivals in Ladakh include Losar, Tak-Thok Tse-Chu, Yuru Kabgyat, Dosmoche (or Monlam Prayer Festival), and the Hemis Festival.

Sol.28.(b) 10th. In World Archery, targets are colored as follows: 1 ring and 2 ring – white; 3 ring and 4 ring – black; 5 ring and 6 ring – blue; 7 ring and 8 ring – red; 9 ring, 10 ring, and inner 10 ring – gold.

Sol.29.(d) Both A and B. The green revolution in India refers to a period when Indian Agriculture was converted into an industrial system due to the adoption of modern methods and technology such as the use of HYV seeds, tractors, irrigation facilities, pesticides and fertilizers. In India, the Green Revolution was mainly led by M.S. Swaminathan.

Sol.30.(b) Assam. 'Orunodoi' or Arunodoi Scheme is a major poverty alleviation programme that was launched by the Government of Assam on 2nd October 2020.

Sol.31.(a) Part III (Articles 12—35). The Constitution of India contains six Fundamental Rights: Right to Equality (Articles 14–18), Right to Freedom (Articles 19–22), Right Against Exploitation (Articles 23–24), Right to Freedom of Religion (Articles 25–28), Cultural and Educational Rights (Articles 29–30), and Right to Constitutional Remedies (Articles 32–35).

Sol.32.(a) Vedic period. This period is characterized by the use of iron tools and weapons, which marked a significant technological advancement over the preceding Bronze Age. The use of iron contributed to the development of agriculture, leading to the establishment of more settled communities and the rise of early states in the Indian subcontinent. Bronze Age : Indus valley civilization. Chalcolithic age : Transitional period between the Neolithic and the Bronze Age.

Sol.33.(c) Allocating resources efficiently. The objectives of the government budget include Economic growth, reallocation of resources, Redistribution of income, Financial stability, Addressing regional disparities, etc,. Government budget is an annual financial statement of estimated receipts and expenditures of the government during a given financial year, as mentioned in Article 112 of the Indian Constitution. Term "Budget" is not mentioned in the Constitution.

Sol.34.(a) Bana Singh : He is the recipient of the highest gallantry award, the Param Vir Chakra. The 'War Against Waste' initiative is a key component of the Swachh Bharat Mission- Grameen to transform J&K into a model of rural cleanliness and sustainable development.

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Sol.35.(b) Rowlatt Act. The Jallianwala Bagh Massacre took place on April 13, 1919, in Amritsar, Punjab, during the British Raj. The massacre was a result of the British government's enforcement of the Rowlatt Act, which allowed for the arrest and imprisonment of Indians without trial or due process. The Rowlatt Act, officially known as the Anarchical and Revolutionary Crimes Act of 1919, was a draconian law that enabled the British to suppress political dissent and nationalist movements in India.

Sol.36.(d) A, B, C are true. The ideal gas law (PV = nRT) combines all the gas laws, including: Boyle's Law: Pressure (P) is inversely proportional to the volume (V) of a gas at constant temperature (T) and a fixed number of moles (n). Charles' Law: The volume of a gas is directly proportional to its temperature at constant pressure (P) and number of moles (n). Gay-Lussac's Law: The pressure of a given amount of gas varies directly with the absolute temperature when the volume is held constant. Avogadro's Law: At constant temperature and pressure, the volume of a gas is directly proportional to the number of moles of the gas.

Sol.37.(d) CAG (Comptroller and Auditor General). The CAG is an independent authority responsible for auditing the accounts of the Union and State Governments, as well as other entities funded by the government. The Anusandhan National Reseach Foundation BIll 2023 repeals the Science and Engineering Research Board (SERB) Act, 2008 and dissolves the SERB.

Sol.38.(d) Tankeswar Hazarika Borbayan. The Sangeet Natak Akademi Award is a prestigious honor bestowed by India's National Academy of Music, Dance, and Drama to recognize exceptional contributions to the performing arts. Sattriya is a classical dance form from Assam (India). Tankeswar Hazarika Borbayan is a renowned exponent and guru of this tradition. Akham Lakshmi Devi is known for her contributions to Manipuri dance. Radha Sridhar is associated with Bharatanatyam.

Sol.39.(d) Expansive. India's population pyramid, with a wide base and narrower top, indicates an expansive population structure. This type of structure is characterized by: A large proportion of young people (wide base), A smaller proportion of older people (narrower top).

Sol.40.(d) Punjab, Andhra Pradesh, and Tamil Nadu. During the first phase of the Green Revolution in India (1966-1980), the states that primarily benefited from the use of High-Yielding Variety (HYV) seeds were: Punjab: Known as the "breadbasket" of India, Punjab was the leading state in adopting HYV wheat seeds, leading to a significant increase in wheat production. Andhra Pradesh: This state was a pioneer in adopting HYV rice seeds, resulting in a substantial increase in rice production. Tamil Nadu: Tamil Nadu also benefited significantly from the adoption of HYV rice seeds, leading to increased rice production and food security.

Sol.41.(a)
⇒ 96 ÷ 8 × (4 of (14 + 2 × 7) - 10 × 10)
⇒ 96÷ 8 × (4 × 28 - 10 × 10)
⇒ 96÷ 8 × (112 - 100)
⇒ 12 × 12 = 144

Sol.42.(c) According to question,
Cost price of the watch = $\frac{450 \times 100}{(100 - 10)}$
= $500.

Sol.43.(c) Amount = $P(1 + \frac{R}{100})^T$
Amount = $21500 \times (1 + \frac{35}{100})^2$
= $21500 \times (\frac{27}{20})^2$ = 39,183.75 Rs.

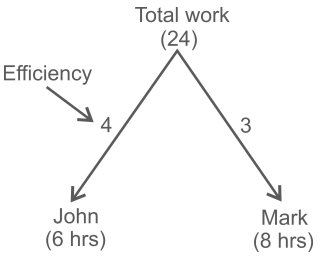
Sol.44.(d) Let the principal be 5 units.
SI = 3 units
SI = $\frac{P \times R \times T}{100} \Rightarrow 3 = \frac{5 \times 4 \times T}{100}$
Time Period (T) = $\frac{3 \times 100}{5 \times 4}$ = 15 years.

Sol.45.(d) Speed = $\frac{distance}{time}$
According to question,
Total distance traveled = 10 × 4 = 40 km
Total Time taken
= $(\frac{10}{7}) + (\frac{10}{14}) + (\frac{10}{21}) + (\frac{10}{28})$
= $(\frac{120 + 60 + 40 + 30}{84}) = (\frac{125}{42})$
Average speed = $(\frac{Total\ distance}{Total\ time})$
= $\frac{40}{\frac{125}{42}} = \frac{336}{25}$ km/hr.

Sol.46.(c) According to question,
Effective % = 22 - 15 - $\frac{15 \times 22}{100}$ = 3.7%
Required % = 3.7% profit.

Sol.47.(b) According to question,
(3 + 5 + 8) units = 400
16 unit = 400
Difference between P and R = (8 - 3) unit = 5 unit
Therefore, required difference
= $\frac{400 \times 5}{16}$ = 125.

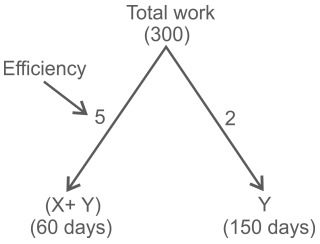
Sol.48.(d) According to question,



Required time = $\frac{24}{4 + 3} = \frac{24}{7}$ hours.

Sol.49.(a)
Curved surface area of cylinder = 2πrh
= $2 \times \frac{22}{7} \times 63 \times 20 \Rightarrow 7920\ cm^2$

Sol.50.(c) Let the total work be 1 unit.
Work done by X and Y together in 60 days = 1 unit
According to question,
Work done by X and Y together in 30 days = $\frac{1}{2}$ unit.
Remaining work ($\frac{1}{2}$ unit) done by Y in 75 days.
Then, time taken by Y to complete the whole work = 75 × 2 = 150 days



Efficiency of X = 5 - 2 = 3 units
Therefore, required time = $\frac{300}{3}$
= 100 days.
Short trick : -
On comparison to the remaining work.
$x \times 30 = y \times (75 - 30)$
$\frac{x}{y} = \frac{3}{2}$
Total work will be
= 60 × (3 + 2) = 300 units
Required time = $\frac{300}{3}$ = 100 days

Sol.51.(d) According to question,
$\frac{750 \times 50}{100} = \frac{M \times 125}{100}$
M = $\frac{750 \times 50}{125}$ = 300

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Sol.52.(d) According to question,

Marked price of the article = $\frac{1482 \times 100}{(100-22)}$

= 1900 Rs.

Sol.53.(d) Let the cost price of each table be 100 Rs.

Then, Selling price = 100 + 50 = 150

According to question,

100 × 90 = 150 × x

$x = \frac{100 \times 90}{150}$ = 60

Sol.54.(b) Composite numbers between 1 to 19 = 4, 6, 8, 9, 10, 12, 14, 15, 16, 18.

Therefore, composite numbers between 1 to 19 is 10.

Sol.55.(d)

15 of 15 - 6 of 11 × 12 + 25 × 25 + 21 × 4

⇒ 225 - 66 × 12 + 625 + 84

⇒ 225 - 792 + 709 ⇒ 142

Sol.56.(b)

Let the two numbers be 3a and 4a.

Then, HCF of (3a, 4a) = a = 5

So, the numbers are (3 × 5) = 15

and (4 × 5) = 20.

Therefore, LCM of (15, 20) = 60

Sol.57.(c) Total run scored by 4 players = 61 × 4 = 244

Runs scored by 3 batsmen = 68 + 31 + 27 = 126

Run scores by 4th players = 244 - 126 = 118

Sol.58.(d) Let the number be 100.

According to question,

Increased number = $100 \times \frac{125}{100} \times \frac{125}{100}$

= 156.25

Required % = $\frac{156.25-100}{156.25} \times 100$ = 36%.

Sol.59.(a) Let the five consecutive odd numbers be a, (a + 2), (a + 4), (a + 6), (a + 8).

According to question,

$\frac{a+(a+2)+(a+4)+(a+6)+(a+8)}{5}$

= 19 ⇒ 5a + 20 = 95

5a = 75, a = 15

Therefore, the largest number will be (a + 8) = 23

Sol.60.(b)

Ratio - a : b : c : d

2 : 5 : 3 : **3**

5 : **5** : 5 : 2

Final - 10 : 25 : 15 : 6

Sol.61.(a) a tough time latter.

'Latter' must be replaced with 'lately'.

'Lately' (meaning recently)is an adverb of time and is generally used in present perfect continuous tense. 'Latter' is used to denote the second of the two options. Hence, 'a tough time lately' is the most appropriate answer.

Sol.62.(b) to

'To + V_1' is the correct grammatical structure. Hence, 'to' is the most appropriate answer.

Sol.63.(d)

Neither of them have shown any 'Everyone/each/ every/ nothing/ everything/ anything/ either/ neither' represents a singular noun. Therefore, singular verbs will be used with them. Hence, 'neither of them has shown any' is the most appropriate answer.

Sol.64.(c) psudonym

'Pseudonym' is the correct spelling.

Sol.65.(b) everybody

'Everybody' is used to refer to all the people individually. The given sentence is describing the behaviour of a person towards other people when he was a child. Hence, 'everybody' is the most appropriate answer.

Sol.66.(b) Coerce- persuade someone to do something by using force or threats.

Compel- force or oblige someone to do something.

Discourage- cause someone to lose confidence or enthusiasm.

Dissuade- persuade someone not to take a particular course of action.

Assist- help someone to do something.

Sol.67.(d) Inheritors- a person who derives his views and qualities from his ancestors.

Origins- the point or place where something begins, arises, or is derived

Influence- the capacity to have an effect on the character, development, or behavior of someone or something

Destiny- the events that will necessarily happen to a particular person or thing in the future

Author- the writer of a book, article, or report.

Sol.68.(b) creek floods

Simple present tense is used for an action that happens on a regular basis. 'The creek' is a singular subject that will take the singular verb 'floods'. Hence, 'creek floods' is the most appropriate answer.

Sol.69.(a) mind

The phrase *mind one's own business* means to avoid interfering in matters that don't concern you. The given sentence states that they need to mind their own business. Hence, 'mind' is the most appropriate answer.

Sol.70.(a) fully

The given sentence needs an adverb to modify the adjective 'aware'. 'Fully' is an adverb that means completely. Hence, 'fully' is the most appropriate answer.

Sol.71.(d) Each religion claims that its own holy book is the direct concealment of God.

'Religion', 'holy' and 'concealment' are the correct spellings.

Sol.72.(c) inferior than her.

'To' is used after these words- inferior, superior, elder, prefer, prior, etc. Hence, 'inferior to her' is the most appropriate answer.

Sol.73.(c) Let your hair down- to behave freely.

E.g.- At the beach party, everyone finally let their hair down and enjoyed themselves without any worries.

Sol.74.(c) numerous, perilous, end

'Numerous' means many & 'perilous' means risky. The given sentence states that despite the numerous challenges they faced during their perilous journey, the explorers remained determined to reach the end of their expedition. Hence, 'numerous, perilous, end' is the most appropriate answer.

Sol.75.(d) Up in arms- angry.

Sol.76.(c) protect

'Protect' means to keep safe from injury. The given passage states that whole grains contain antioxidants that protect your tissues from harmful inflammation. Hence, 'protect' is the most appropriate answer.

Sol.77.(a) with

'Loaded with' means having a large amount of something. The given passage states that whole grains have a large amount of minerals like calcium, potassium, magnesium, zinc and iron. Hence, 'with' is the most appropriate answer.

Sol.78.(a) blocks

'Building block' is the basic unit from which something is built up. The given passage states that minerals like calcium, potassium, magnesium, zinc

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and iron are important building blocks for a strong immune system and healthy heart. Hence, 'blocks' is the most appropriate answer.

Sol.79.(d) found
The given passage states a fact about the B vitamins found in whole grains. Hence, 'found' is the most appropriate answer.

Sol.80.(a) into
'Into' is used to show conversion from one form to another. The given sentence talks about the conversion of food into energy. Hence, 'into' is the most appropriate answer.

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SSC GD Constable
01/03/2024 (4th Shift)

Reasoning

Q.1. Select the figure from the given options which can be placed in place of the question mark (?) in the given figure series.



(a) 
(b) 
(c) 
(d) 

Q.2. Which two numbers from the given options are interchanged and the following equation will be correct ?
17 - 8 × 2 + 6 ÷ 4 = 7
(a) 2 and 4 (b) 4 and 7
(c) 17 and 7 (d) 6 and 8

Q.3. Which one of the following groups of letters when sequentially placed in the blank spaces of the given letter series will complete the series ?
_n_mn_m_wmnw
(a) mnwn (b) mwwn (c) wmnw (d) mmwn

Q.4. A + B means, A is the wife of B, A × B means, A is the father of B, A ÷ B means, A is the mother of B, A $ B means, A is the brother of B. And A – B means, A is sister of B.
If Z - T ÷ S × Y + H $ B, then what is the relation of H to S ?
(a) daughter's daughter
(b) Son's wife
(c) son
(d) daughter's husband

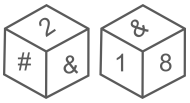
Q.5. In the following question, select the related letter - pair from the given alternatives.
WTPF : YVRH :: ?
(a) ANON : MOUM (b) WYUZ : TSKD
(c) CIRT : IKMD (d) QJAN : SLCP

Q.6. Which of the following letters will come in place of question mark (?) in the given series ?
P, K, G, D, B, ?
(a) X (b) Z (c) A (d) Y

Q.7. Select the missing number from the following series from the given alternatives.
35, 4, 41, 0, 43, ?
(a) - 4 (b) - 2 (c) 0 (d) - 3

Q.8. From the following options, select the option which is related to the fifth letter-cluster in the same way as the fourth letter-cluster is related to the third letter-cluster, and the second letter - cluster is related to the first letter - cluster.
CLEAN : CNLAE :: CHART : CTHRA :: RIGHT : ?
(a) HITRG (b) RTIHG (c) RGTIH (d) GHITR

Q.9. Given below are two positions of a dice. What will come on the face opposite to the face with '1' ?



(a) 8 (b) & (c) 2 (d) #

Q.10. In the following question some statements are given and some conclusions based on those statements are given. You have to consider the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and decide which of the given conclusions logically follows from the statements.
Statement:
I. No flower is plant.
II. Some animals are flowers.
Conclusion:
I. Some animals are not plants.
II. All plants are animals.
(a) Only conclusion II follows
(b) Only conclusion I follows
(c) No conclusion follows
(d) Both conclusions I and II follow

Q.11. In a certain code language, 'TDF' is written as '1440', 'LTB' is written as '1440'. How will 'IHG' be written in that code language ?
(a) 1575 (b) 1275 (c) 1465 (d) 1512

Q.12. In a certain code language, 'BIB' is written as '36', and 'BOG' is written as '210'. How will 'EBB' be written in that code language ?
(a) 40 (b) 20 (c) 10 (d) 30

Q.13. After arranging the words given below as per the order in the English dictionary, which word will come at the 'fourth' position ?
1. Weep 2. Ween 3. Weed
4. Weight 5. Week
(a) Weep (b) Weight (c) Week (d) Weed

Q.14. Six friends Alex, Brad, Charlie, David, Eric and Frank are sitting around a circular table facing outside the centre. Alex is sitting to the immediate right of Brad. Frank is sitting exactly between Charlie and David. Charlie is sitting to the immediate right of Eric. Who is sitting to the immediate right of David ?
(a) Frank (b) Alex (c) Brad (d) Eric

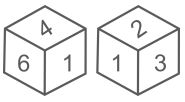
Q.15. If 8 G 4 H 9 I 3 = 15 and 17 G 18 H 27 I 9 = 38, then 7 G 8 H 10 I 2 = ?
(a) 24 (b) 20 (c) 18 (d) 21

Q.16. Select the figure from the given options which can be placed in place of the question mark (?) in the given figure series.



(a) 
(b) 
(c) 
(d) 

Q.17. Given below are two positions of a dice. Which of the following options will appear on the face opposite to the face marked '4' ?

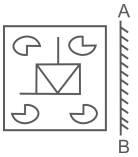


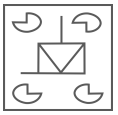
(a) 3 (b) 6 (c) 5 (d) 2

Q.18. Select the missing number from the following series from the given alternatives.
13, - 11, - 35, - 59, - 83, ?
(a) - 125 (b) - 107 (c) - 115 (d) - 120

Q.19. Eight teachers Jatin, Abhi, Gopal, Heena, Isha, Rohit, Kajal and Leela are sitting around a circular table facing outside the center (but not necessarily in the same order). Abhi is sitting second to the left of Heena. Rohit is sitting third to the right of Heena. Gopal is sitting second to the right of Jatin. Rohit is sitting second to the left of Jatin. Kajal is sitting third to the left of Isha. Who is sitting to the immediate right of Abhi ?
(a) Heena (b) Leela (c) Gopal (d) Jatin

Q.20. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure ?



(a) 
(b) 

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(c)  (d) 

General Awareness

Q.21. The Directive Principles of State Policy in the Indian Constitution aim to create a _____.
(a) Communist state (b) Capitalist state
(c) Totalitarian state (d) Welfare state

Q.22. Which of the following Indian states is known for the traditional dance form Satriya ?
(a) Odisha (b) Sikkim
(c) West Bengal (d) Assam

Q.23. From September 2023, K. N. Shanth Kumar (K. N. Shanth Kumar) was elected the president of which organization ?
(a) BCCI (b) SEBI (c) PTI (d) NABARD

Q.24. According to which article of the Indian Constitution, Lok Sabha is the lower house of the Parliament ?
(a) 81 (b) 79 (c) 80 (d) 82

Q.25. The Simon Commission appointed in 1927 in India was criticized for which of the following reasons ?
(a) It recommended the withdrawal of British rule from India
(b) It recommended constitutional reforms for India
(c) No Indian member was included in it
(d) It was proposed to divide India into two separate countries

Q.26. In 2023, the Indian Civil Defense Code Bill 2023 was introduced by the _____ ministry.
(a) health (b) Law and Justice
(c) house (d) Finance

Q.27. The Government of Karnataka organizes the _____festival every year, featuring spectacular performances of dance, drama and music, amidst hundreds of years old rocks and ruins in the village located near Vijayanagara.
(a) Natyanjali Utsav
(b) Hampi Dance Utsav
(c) Mamallapuram Utsav
(d) Nishagandhi Festival

Q.28. Sri Lanka is separated from India by a narrow channel of sea, formed by the _____ and the Gulf of Mannar.
(a) Palk Strait (b) Bering Strait
(c) Strait of Malacca (d) Strait of Gibraltar

Q.29. Which of the following options is not one of the major visions of India's Foreign Trade Policy 2023 ?
(a) Ease of doing business, reducing transaction costs and e-initiatives
(b) Export promotion through alliances
(c) Restrictions on imports
(d) Moving from incentives to exemptions

Q.30. Which of the following artists was honored with the Sangeet Natak Akademi Award for his contribution to Mohiniyattam ?
(a) Tapan Kumar (b) Maya Krishna Rao
(c) Gopika Verma (d) Surupa Sen

Q.31. In which sport is "puck" used ?
(a) soccer (b) Snooker
(c) table tennis (d) Ice hockey

Q.32. Which city hosted the Intercontinental Cup 2023, which was won by the Indian football team ?
(a) Bhubaneswar (b) Rourkela
(c) Delhi (d) Ranchi

Q.33. Population Census in India is conducted within the period of _____.
(a) 15 years (b) 7 years
(c) 20 years (d) 10 years

Q.34. Amjad Ali Khan is a music lecturer from _____.
(a) Sarod (b) Tabla (c) Sitar (d) flute

Q.35. On August 1, 2023, who was selected as the recipient of the 41st Lokmanya Tilak Award ?
(a) Narendra Modi (b) Dr. K. Sivan
(c) Yogi Adityanath (d) Kamala Harris

Q.36. Read the following statements regarding Goods and Services Tax (GST).
A. Goods and Services Tax (GST), implemented from July 1, 2017, is a single comprehensive indirect tax levied on direct supply of goods and services from manufacturers/service providers to consumers.
B. It is a destination based consumption tax which has the facility of input tax credit in the supply chain. Identify the correct statement(s).
(a) Only A (b) Only B
(c) Neither A nor B (d) Both A and B

Q.37. Which of the following pairs is the correct combination of the cricket tournament run by BCCI and the type of cricket played in it ?
I. Vijay Hazare Trophy - List A matches
II. Syed Mushtaq Ali Trophy T20 matches
(a) only I (b) Neither I nor II
(c) Both I and II (d) only II

Q.38. In relation to trade and industry, what is the full form of 'DPIIT' ?
(a) Department for Promotion of Industry and Internal Trade
(b) Development and Promotion of Industry and International Trade
(c) Development and promotion of industry and internal trade.
(d) Department for Promotion of Industry and International Trade

Q.39. The movement of electric charges produces electric current and thereby produces electromagnetic force, which results in _____.
(a) optics (b) electricity
(c) Magnetism (d) gravity

Q.40. The most common tool of the Iron Age was the _____, which was used to cut down trees, chop wood, and as a weapon.
(a) Saw machine (b) sword
(c) borer (d) axe

Quantitative Aptitude

Q.41. What is the value of 117 + 51 - 14 ÷ 7 + 251 ?
(a) 467 (b) 437 (c) 427 (d) 417

Q.42. If 15 percent of a number is 120, then what will be 180 percent of that number ?
(a) 1410 (b) 1440 (c) 1420 (d) 1430

Q.43. What is the value of 80 - [25 + {20 - (7 + 2)}] ?
(a) 44 (b) 54 (c) 46 (d) 36

Q.44. M, N and O working alone can complete a work in 10, 12 and 15 days respectively. In how many days can M, N and O together complete $\frac{1}{6}$ parts of the same work ?
(a) $\frac{4}{3}$ days (b) $\frac{2}{3}$ days
(c) $\frac{5}{3}$ days (d) $\frac{1}{3}$ days

Q.45. Two trains are moving in opposite directions at the same speed. If the length of each train is 540 m and they cross each other in 54 seconds, what is the speed of each train ?
(a) 5 m/s (b) 10 m/s
(c) 20 m/s (d) 15 m/s

Q.46. The marked price of a computer is Rs 25000 and the discount percentage is 15 percent. If the selling price of the computer is Rs 12750, what is the additional discount percentage ?
(a) 35 percent (b) 40 percent
(c) 30 percent (d) 25 percent

Q.47. A sum of money amounts to ₹

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16,854 in 2 years at 6% compound interest. Find that amount.
(a) ₹14,000 (b) ₹11,000
(c) ₹15,000 (d) ₹16,000

Q.48. The average of 5 numbers is 48. The average of the first two numbers is three times the average of the other three numbers. What is the sum of the first two numbers ?
(a) 210 (b) 200 (c) 150 (d) 160

Q.49. A certain sum of money triples itself in 12 years at simple interest. In how many years will it become five times itself ?
(a) 26 years (b) 24 years
(c) 22 years (d) 30 years

Q.50. If by selling 36 items a shopkeeper makes profit equal to the selling price of 9 items, then find the profit percentage.
(a) 37.66% (b) 33.33%
(c) 31.66% (d) 30.33%

Q.51. Half of the perimeter of a rectangle is 20 cm. If the length of the rectangle is 8 cm more than its breadth, then what is the area of the rectangle ?
(a) 90 cm² (b) 64 cm²
(c) 84 cm² (d) 70 cm²

Q.52. If p : q : r = 5 : 3 : 2, then what is the value of 2p : 4q : 3r ?
(a) 3 : 2 : 4 (b) 6 : 2 : 1
(c) 5 : 6 : 4 (d) 5 : 6 : 3

Q.53. The average age of a group of 17 boys is 28 years. Two boys aged 22 years and 28 years leave the group, and in their place a boy aged 34 years joins the group. What is the new average age of the group ?
(a) 28.40 years (b) 27.20 years
(c) 28.75 years (d) 28.60 years

Q.54. Which of the following numbers is divisible by 4 ?
(a) 4370 (b) 1582 (c) 7846 (d) 7348

Q.55. Which of the following numbers is not divisible by 25 ?
(a) 7875 (b) 6400 (c) 8565 (d) 5625

Q.56. A businessman sells two shirts at Rs 4500 per shirt. If he earns a profit of 20 percent on one and suffers a loss of 40 percent on the other, what will be his total loss percentage ?
(a) 10 percent (b) 20 percent
(c) 8 percent (d) 15 percent

Q.57. John can complete a work in 12 days and Anju can complete the same work in 20 days. If they work together on it for 6 days, the amount of work remaining is _____?
(a) $\frac{2}{3}$ (b) $\frac{1}{5}$ (c) $\frac{1}{6}$ (d) $\frac{1}{4}$

Q.58. If x : y : z = 3 : 6 : 7 and 5y - x + 2z = 123, then what is the value of y ?
(a) 21 (b) 9 (c) 18 (d) 84

Q.59. x_1 is 11 percent more than x_2 and 67 percent less than x_3. If the value of x_2 is Rs 1331, then what is the value of x_3 ?
(a) Rs 4777 (b) Rs 4747
(c) Rs 4477 (d) Rs 4447

Q.60. A table is sold at a discount of 45 percent. If the marked price of the table is Rs 8800, then what is the selling price of the table ?
(a) Rs 4860 (b) Rs 4840
(c) Rs 5040 (d) Rs 5060

English

Q.61. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully
Both the countries finally decided **to make peace.**
(a) Make ends meet (b) Bury the hatchet
(c) A piece of cake (d) Break a leg

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
He pressed her further about Arthur and she final answered.
(a) No error
(b) further about Arthur and
(c) He pressed her
(d) she final answered.

Q.63. Select the most appropriate synonym of the given word.
Induction
(a) Expulsion (b) References
(c) Inauguration (d) Capital

Q.64. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I <u>has mailed</u> you the invoice.
(a) has mail (b) will mail
(c) No improvement (d) will mailed

Q.65. Select the most appropriate antonym of the given word.
Detriment
(a) Advantage (b) Dilemma
(c) Difficulty (d) Corner

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
No one knows that she comes from a richer family.
(a) that she comes (b) No one knows
(c) from a richer family. (d) No error

Q.67. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
If you are stressed and upset, talking about your feelings can helped.
(a) No error
(b) If you are stressed
(c) and upset, talking about
(d) your feelings can helped.

Q.68. Choose the correct word to complete the sentence:
It was one of the most _____ incidents in aviation history during the Pacific War.
(a) bewildering (b) mundane
(c) archaic (d) colluding

Q.69. Select the sentence with no spelling errors.
(a) He leaned against that same stone column, thinking, searching in his mind, feeling acutely.
(b) He leened against that same stone column, thinking, searching in his mind, feeling acutely.
(c) He leaned against that same stone column, thinking, serching in his mind, felling acutely.
(d) He leaned aganst that same stone column, thinking, searching in his mind, feeling acutely.

Q.70. Select the most appropriate word to fill in the blank.
_____ of the two boys turned up the next day.
(a) But (b) Not (c) Neither (d) Every

Q.71. Choose the word that is opposite in meaning to the given word.
Approach
(a) Advance (b) Mollify
(c) Withdraw (d) Restore

Q.72. Select the incorrectly spelt word from the given sentence.
Despite inhuriting his father's principality, Babur had to flee from his own kingdom
(a) Despite (b) inhuriting
(c) principality (d) flee

Q.73. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I saw Samuel yesterday, but he <u>didn't see me.</u>
(a) didn't saw me (b) sees me
(c) No improvement (d) was seen me

Q.74. Choose the word that is opposite in meaning to the given word.

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Abundance
(a) Epidemic (b) Endemic
(c) Deluge (d) Scanty

Q.75. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
A wild cat strike
(a) Protest by farmers
(b) A strike that is started by a group of workers without the approval of their union
(c) A wrong action
(d) Winsome situation

Cloze Test :
Direction :- [Q.76. to Q.80.]
To better understand how native and non-native species (76) _____to extreme weather events, the scientists behind the new study reanalysed information (77) _____443 peer - reviewed studies on how species responded to wildfires, droughts and (78) _____In all, they (79)_____ data on 187 non-native species and 1,852 native species from all major animal (80) _____.

Q.76. (a) bargain (b) flirt
(c) simulate (d) respond

Q.77. (a) with (b) below (c) by (d) from

Q.78. (a) blasts (b) storms
(c) curses (d) accidents

Q.79. (a) separated (b) cooperated
(c) mingled (d) gathered

Q.80. (a) groups (b) bands
(c) troupes (d) flock

Answer Key :-

1.(c)	2.(d)	3.(b)	4.(d)
5.(d)	6.(c)	7.(a)	8.(b)
9.(c)	10.(b)	11.(d)	12.(b)
13.(a)	14.(c)	15.(b)	16.(c)
17.(a)	18.(b)	19.(c)	20.(b)
21.(d)	22.(d)	23.(c)	24.(b)
25.(c)	26.(c)	27.(b)	28.(a)
29.(c)	30.(c)	31.(d)	32.(a)
33.(d)	34.(a)	35.(a)	36.(d)
37.(c)	38.(a)	39.(c)	40.(d)
41.(d)	42.(b)	43.(a)	44.(b)
45.(b)	46.(b)	47.(c)	48.(d)
49.(b)	50.(b)	51.(c)	52.(d)
53.(c)	54.(d)	55.(c)	56.(b)
57.(b)	58.(c)	59.(c)	60.(b)

61.(b)	62.(d)	63.(c)	64.(b)
65.(a)	66.(c)	67.(d)	68.(a)
69.(a)	70.(c)	71.(c)	72.(b)
73.(c)	74.(d)	75.(b)	76.(d)
77.(d)	78.(b)	79.(d)	80.(a)

Solutions :-

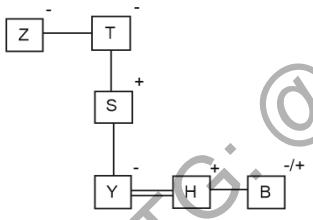
Sol.1.(c)



Sol.2.(d) Given : 17 - 8 × 2 + 6 ÷ 4 = 7
After going through all the options, option (d) satisfies.
After changing 6 and 8 we get;
⇒17 - 6 × 2 + 8 ÷ 4 = 7
⇒17 - 12 + 2 = 7 ⇒ 7 = 7
LHS = RHS

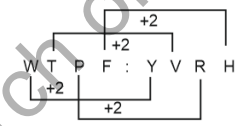
Sol.3.(b) **m**n**w**/mn**w**/m**n**w/mnw

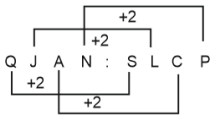
Sol.4.(d)



H is S's daughter's husband.

Sol.5.(d)



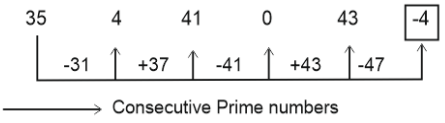


Similarly,

Sol.6.(c)

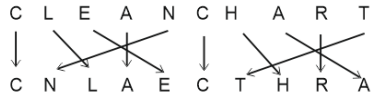


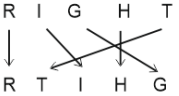
Sol.7.(a)



Consecutive Prime numbers

Sol.8.(b)

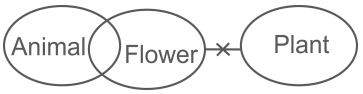




Similarly,

Sol.9.(c) '&' is common in both dice
Form dice 1 and 2, the opposite faces are
↔ 8, 2 ↔ 1.

Sol.10.(b)



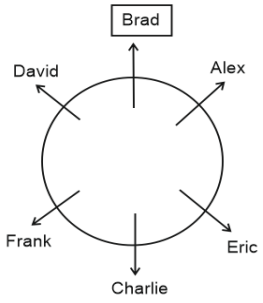
Only conclusion I follows.

Sol.11.(d) Logic : (Multiplication of the place value of letters) × 3
TDF : (20 × 4 × 6) × 3 ⇒ (480) × 3 = 1440
LTB : (12 × 20 × 2) × 3 ⇒ (480) × 3 = 1440
Similarly,
IHG : (9 × 8 × 7) × 3 ⇒ (504) × 3 = 1512

Sol.12.(b)
Logic : multiplication of place value
BIB : (2 × 9 × 2) = 36
BOG : (2 × 15 × 7) = 210
Similarly,
EBB : (5 × 2 × 2) = 20

Sol.13.(a) The correct order is;
Weed(1) → Week(2) → Ween(3) → Weep(4) → Weight(5)
Therefore, the correct answer is Weep.

Sol.14.(c)



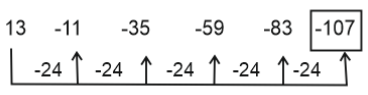
Sol.15.(b) Logic: Intechanging G, H and I with +, +, ÷ respectively.
⇒ 8 G 4 H 9 I 3 = 15
8 + 4 + 9 ÷ 3 = 15 ⇒ 12 + 3 = 15
15 = 15
⇒ 17 G 18 H 27 I 9 = 38
17 + 18 + 27 ÷ 9 = 38 ⇒ 35 + 3 = 38
38 = 38
Similarly, ⇒ 7 G 8 H 10 I 2
7 + 8 + 10 ÷ 2 = 15 + 5 = 20

Sol.16.(c)



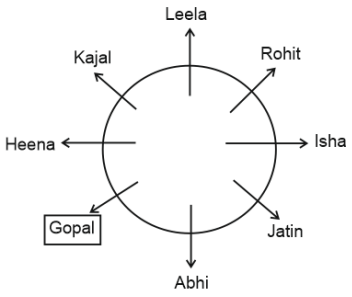
Sol.17.(a) '1' common in both dice
From dice 1 and 2, the opposite faces are
6 ↔ 2, 4 ↔ 3

Sol.18.(b)

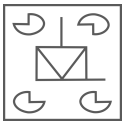


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Sol.19.(c)



Sol.20.(b)



Sol.21.(d) Welfare state. Directive Principles of State Policy (Part IV, Article 36–51) : Its important articles - Article 46 : Promotes the educational and economic interests of weaker sections. Article 48 : Organisation of agriculture and animal husbandry. Article 44 : Endeavors to secure a Uniform Civil Code for citizens. Article 45 : Provides early childhood care and education for children until age of six.

Sol.22.(d) Assam. The Sattriya dance was introduced by the Vaishnava saint Mahapurusha Sankaradeva to promote the Vaishnava faith. Classical dance and state : Bharatanatyam (Tamil Nadu), Kathak (Uttar Pradesh), Kathakali (Kerala), Kuchipudi (Andhra Pradesh), Manipuri (Manipur), Mohiniyattam (Kerala), Odissi (Odisha).

Sol.23.(c) PTI (Press Trust of India) : It is India's premier news agency. It was registered in 1947 and started functioning in 1949. Headquarters - New Delhi, India. K. N. Shanth Kumar is a former chairman of the Audit Bureau of Circulation.

Sol.24.(b) 79. This article consists of the President and two Houses : the Council of States (Rajya Sabha) and the House of the People (Lok Sabha). Lok Sabha : Members are directly elected through the First Past The Post (FPTP) system. The minimum age for membership is 25 years. The Lok Sabha's term is 5 years, with a maximum strength of 550 members - 530 representing states and 20 representing union territories. The current strength is 543.

Sol.25.(c) No Indian member was included in it. The Simon Commission, appointed by the British government under the chairmanship of John Simon to review the workings of Government of India Act, 1919 and suggest future measures. It consisted of 7 British Members of Parliament, including the Chairman.

Sol.26.(c) Home. The Bharatiya Nagarik Suraksha Sanhita, 2023 (BNSS) was introduced on August 11, 2023, by the Ministry of Home Affairs to replace the Criminal Procedure Code (CrPC) of 1973. It includes amendments to provisions on bail, expands the scope of property seizure, and alters the powers of police and Magistrates.

Sol.27.(b) Hampi Dance Utsav. It is celebrated in November. Hampi is a UNESCO world heritage site (1986). Other festivals of Karnataka: Ugadi, Pattadakal Dance Festival, Kambala Festival. Indian Dance festivals: Natyanjali Utsav - Tamil nadu, Mamallapuram Utsav - Tamil Nadu, Nishagandhi Festival - Kerala, Taj Mahotsav - Uttar Pradesh.

Sol.28.(a) Palk Strait : It is bordered by Pamban Island (India), Adam's (Rama's) Bridge, the Gulf of Mannar, and Mannar Island (Sri Lanka). Other Important Straits : Bering Strait - Between Alaska and Russia, connects the Pacific and Arctic oceans; Strait of Malacca - Connects the Andaman Sea (Indian Ocean) and the South China Sea (Pacific Ocean); Strait of Gibraltar - Separates Europe from Africa and connects the Mediterranean Sea to the Atlantic Ocean.

Sol.29.(c) Restrictions on imports. Foreign Trade Policy (2023) - The policy is based on the principles of trust and partnership with exporters and aims at process re-engineering and automation to facilitate ease of doing business for exporters. The government aims to increase India's overall exports to USD 2 trillion by 2030. The policy is announced every five years by the Ministry of Commerce and Industry.

Sol.30.(c) Gopika Verma : She received the Sangeet Natak Academy Award in 2018. Tapan Kumar - Sangeet Natak Akademi Award in 2018 for Chhau dance and Padma shri in 1992. Shrimati Surupa Sen - Sangeet Natak Akademi Award in 2018 for Odissi dance. Maya Krishna Rao - Sangeet Natak Akademi Award for Indian theatre in 2010.

Sol.31.(d) Ice hockey. Other terminologies related to sports : Ice hockey - Power play, Rink, Zamboni, Sweep check, Roughing. Table tennis - Blade, Crossover, Shakehand Grip. Snooker - Reflected angle, Ambidextrous, Air barrel. Soccer - Dead ball, Fifty-fifty balls, Kicker.

Sol.32.(a) Bhubaneswar. India's football team won the Intercontinental Cup 2023 by defeating Lebanon 2-0. The Intercontinental Cup 2024 will be held at the GMC Balayogi Athletic Stadium in Hyderabad. Famous football players of India: Sunil Chhetri, P.K. Banerjee, Subrata Pal, Bhaichung Bhutia, Gurpreet Singh Sandhu, Sandesh Jhinghan.

Sol.33.(d) 10 years. The first census was held non-synchronously in 1872 during the reign of Governor-General Lord Mayo, and the first synchronous census was held in 1881 by W.C. Plowden (Census Commissioner of India). Since then, censuses have been conducted every decade. The slogan for the 15th Indian Census in 2011 was "Our Census, Our Future."

Sol.34.(a) Sarod. Awards of Amjad Ali Khan (Kirana Gharana): Padma Shri (1975), Padma Bhushan (1991), Padma Vibhushan (2001). Other Instrument Players : Sarod - Ali Akbar Khan, Amaan Ali Khan. Tabla - Zakir Hussain, Alla Rakha, Pt. Kumar Bose. Sitar - Shahid Parvez, Enayat Khan, Imdad Khan. Flute - Hariprasad Chaurasia, Raghunath Prasanna.

Sol.35.(a) Narendra Modi. Lokmanya Tilak award, established by the Tilak Samarak Mandir Trust (Hind Swaraj Sangha) in 1983, honors the legacy of Bal Gangadhar Tilak. The award was presented on the 103rd death anniversary of Tilak. In 2022, the award was given to senior scientist, Tessy Thomas (Missile Woman of India).

Sol.36.(d) Both A and B. The Goods and Services Tax (GST) is a value-added tax. It was introduced in 2014 as The Constitution (122nd Amendment) Bill and enacted through the Constitution (101st Amendment) Act, 2016. Article 279A provides for the GST Council, chaired by the Union Finance Minister, to administer and govern GST.

Sol.37.(c) Both I and II. Syed Mushtaq Ali Trophy, originally known as the Inter-State T20 Championship, was inaugurated by the Board of Control for Cricket in India (BCCI) for the 2006–07 season. Tamil Nadu has won the Syed Mushtaq Ali Trophy three times (As of August 2024). The Vijay Hazare Trophy, which superseded the Ranji One Day

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Trophy in 2007, is an annual limited overs domestic cricket competition.

Sol.38.(a) DPIIT.
Department of Industrial Policy & Promotion (DIPP) renamed to the Department for Promotion of Industry and Internal Trade (DPIIT). It comes under the Ministry of Commerce and Industry. This department is responsible for formulation and implementation of promotional and developmental measures for growth of the industrial sector, keeping in view the national priorities and socio-economic objectives. Founded - 1995. Headquarters - New Delhi.

Sol.39.(c) Magnetism. The movement of electric charges generates an electric current, which creates both electric and magnetic fields. This phenomenon results in magnetism. When a charge moves at a constant velocity, it produces steady electric and magnetic fields, but these fields do not change with time, so they do not generate electromagnetic waves.

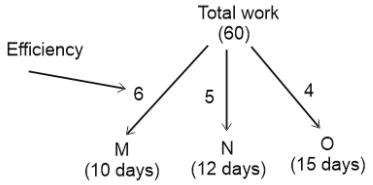
Sol.40.(d) axe. The Iron Age is the final epoch of the three historical Metal Ages, after the Chalcolithic and Bronze Age.

Sol.41.(d) 117 + 51 - 14 ÷ 7 + 251
⇒ 117 + 51 - 2 + 251 ⇒ 419 - 2 = 417

Sol.42.(b) Let number = x
⇒ x × 15% = 120 ⇒ x = 120 × $\frac{20}{3}$ = 800
Now, 180 % of 800 = 800 × $\frac{180}{100}$ = 1440

Sol.43.(a) 80 - [25 + {20 - (7 + 2)}]
⇒ 80 - [25 + {20 - 9}]
⇒ 80 - [25 + 11] ⇒ 80 - 36 = 44

Sol.44.(b)



$\frac{1}{6}$th of the total work = 60 × $\frac{1}{6}$ = 10 unit
efficiency (M + N + O) = 6 + 5 + 4 = 15 unit/day
Hence, required time = $\frac{10}{15}$ = $\frac{2}{3}$ day

Sol.45.(b)
Let speed of each train = x m/sec
Speed = $\frac{distance}{time}$
According to the question,
$2x$ = $\frac{540+540}{54}$ ⇒ x = $\frac{1080}{2\times54}$ = 10 m/sec

Sol.46.(b) According to the question,
25000 × $\frac{17}{20}$ × $\frac{100-x}{100}$ = 12750
100 - x = $\frac{2\times12750}{425}$
100 - x = 60 ⇒ x = 40
Hence, required discount % = 40%

Sol.47.(c) 6% = $\frac{3}{50}$
So, required amount = 16854 × $\frac{50}{53}$ × $\frac{50}{53}$
= Rs.15000

Sol.48.(d) Sum of 5 numbers (A + B + C + D + E) = 5 × 48 = 240 --------(i)
Now, $\frac{A+B}{2}$ = $\frac{C+D+E}{3}$ × 3
$\frac{A+B}{2}$ = $C + D + E$--------(2)
Put the value of (C + D + E) in equation (1) we get;
A + B + $\frac{A+B}{2}$ = 240
$3(A + B)$ = 480 ⇒ A + B = 160

Sol.49.(b) Let principal = 100
Then, SI = 200
⇒ 200 = $\frac{100\times R\times12}{100}$ ⇒ R = $\frac{50}{3}$%
Now, amount become 5 times of itself
400 = $\frac{100\times50\times T}{3\times100}$
⇒ Time (T) = 24 years

Sol.50.(b) According to the question,
36SP - 36CP = 9SP
CP : SP = 3 : 4
Hence,
profit % = $\frac{1}{3}$ × 100 = 33.33%

Sol.51.(c) Perimeter of rectangle 2(l + b)
= 2 × 20 = 40 cm
⇒ l + b = 20 cm----------(i)
According to the question,
l = b + 8 ----------(ii)
Put the value of l in equation (i) we get;
2b + 8 = 20 ⇒ b = 6 cm
Put the value of b in equation (ii) we get;
Length (l) = 14 cm
Hence, required area = 14 × 6 = 84 cm²

Sol.52.(d) p : q : r = 5 : 3 : 2
2p : 4q : 3r = 2 × 5 : 4 × 3 : 3 × 2
= 10 : 12 : 6 = 5 : 6 : 3

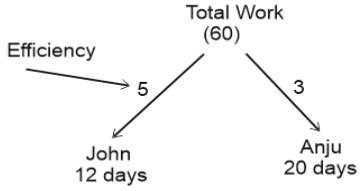
Sol.53.(c)
Sum of age of 17 boys = 17 × 28 = 476
Age of 15 boys after leaving 2 boys = 476 - (22 + 28) = 426
Age of 16 boys after 1 boy join the group = 426 + 34 = 460
Hence, required average = $\frac{460}{16}$ = 28.75

Sol.54.(d) Divisibility of 4 :- last two digits of number be divisible by 4.
After checking all options one by one we get;
7348 is divisible by 4

Sol.55.(c) Divisibility of 25 :- last two digits of the number be divisible by 25.
By checking all options one by one we get;
8565 is not divisible by 25.

Sol.56.(b) Selling price of both shirts
= 2 × 4500 = Rs. 9000
Cost price of first shirt
= 4500 × $\frac{100}{120}$ = Rs. 3750
Cost price of second shirt
= 4500 × $\frac{100}{60}$ = Rs. 7500
total cost price
= 3750 + 7500 = Rs. 11250
Loss = 11250 - 9000 = Rs. 2250
So, loss % = $\frac{2250}{11250}$ × 100 = 20%

Sol.57.(b)



Work done by both in 6 days = 6 × (5 + 3)
= 48 unit
Remaining work = 60 - 48 = 12 unit
Hence,
Amount of work remaining = $\frac{12}{60}$ = $\frac{1}{5}$

Sol.58.(c) x : y : z = 3 : 6 : 7
Let x, y and z be 3a, 6a and 7a respectively,
Now, 5y - x + 2z = 123
5 × 6a - 3a + 2 × 7a = 123
⇒ 30a - 3a + 14a = 123
⇒ 41a = 123 ⇒ a = 3
So, y = 6a = 18

Sol.59.(c) According to the question,
x_1 : x_2 : x_3 = 33 : $\frac{3300}{111}$: 100
Now, x_2 ($\frac{3300}{111}$) unit = Rs.1331
Hence, x_3(100)unit = 1331 × $\frac{111}{3300}$ × 100
= Rs. 4477

Sol.60.(b)
Selling price = 8800 × $\frac{55}{100}$ = Rs. 4840

Sol.61.(b) Bury the hatchet - to make

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peace.

Sol.62.(d) she final answered.
'Final' must be replaced with the adverb 'finally' as the given sentence needs an adverb to modify the verb 'answered'. Hence, 'she finally answered' is the most appropriate answer.

Sol.63.(c) **Induction-** the process of formally introducing someone into a position or role.
Expulsion- the act of forcing someone to leave a place or group.
References- sources of information or citations used to support statements.
Inauguration- the formal beginning or introduction of a new position or event.
Capital- a city serving as the seat of government, or financial assets for investment.

Sol.64.(b) will mail
The first form of the verb, i.e. V_1 is used with modals such as will, shall, can, may, could, would, should, must, etc. Hence, 'will mail(V_1)' is the most appropriate answer.

Sol.65.(a) **Advantage-** benefit or gain.
Detriment- harm or damage.
Dilemma- a difficult situation or problem requiring us to choose between two equally unpleasant options.
Difficulty- something hard to do or overcome.
Corner- a point where two lines meet or a difficult situation.

Sol.66.(c) from a richer family.
'Richer' must be replaced with 'rep' as there is no comparison in this sentence. Hence, 'from a rich family' is the most appropriate answer.

Sol.67.(d) your feelings can helped.
'Modal verbs' are auxiliary verbs(also called helping verbs) like can, will, could, shall, must, would, might, and should. However, after a modal verb, we generally use the first form of the verb (V_1). Hence, 'can help(V_1)' is the most appropriate answer.

Sol.68.(a) bewildering
'Bewildering' means extremely confusing. The given sentence states that it was one of the most bewildering incidents in aviation history during the Pacific War. Hence, 'bewildering' is the most appropriate answer.

Sol.69.(a) He leaned against that same stone column, thinking, searching in his mind, feeling acutely.
'Leaned', 'against' and 'feeling' are the correct spellings.

Sol.70.(c) Neither
'Neither' means none of the two. The given sentence states that neither of the two turned up the next day. Hence, 'neither' is the most appropriate answer.

Sol.71.(c)
Withdraw- to move back or retreat.
Approach- to come nearer or move towards.
Advance- to move forward or make progress.
Mollify- to soothe or calm down.
Restore- to bring back to a previous or original state.

Sol.72.(b) inhuriting
'Inheriting' is the correct spelling.

Sol.73.(c) No improvement
The given sentence is grammatically correct.

Sol.74.(d) **Scanty-** insufficient in quantity or amount.
Abundance- a large quantity of something.
Epidemic- a widespread occurrence of an infectious disease in a community at a particular time.
Endemic- regularly found among particular people or in a certain area.
Deluge- a severe flood or an overwhelming amount of something.

Sol.75.(b) **A wild cat strike-** a strike that is started by a group of workers without the approval of their union.
E.g.- The factory workers launched a wildcat strike, catching both the management and the union by surprise.

Sol.76.(d) respond
'Respond' means to react to something. The given passage talks about better understanding how native and non-native species respond to extreme weather events. Hence, 'respond' is the most appropriate answer.

Sol.77.(d) from
'From' is used to indicate the source of information. As per the passage, the source of the information reanalysed by scientists is 443 peer-reviewed studies. Hence, 'from' is the most appropriate answer.

Sol.78.(b) storms
'Wildfires' and 'droughts' are natural calamities. So, we need a word that means a natural phenomenon that is destructive. 'Storms' are destructive and occur naturally. Hence, 'storms' is the most appropriate answer.

Sol.79.(d) gathered
The given passage states that they gathered data on 187 non-native species and 1,852 native species. Hence, 'gathered' is the most appropriate answer.

Sol.80.(a) groups
'Group' is a general word for a particular category of animals. The given passage states that they gathered data on 187 non-native species and 1,852 native species from all major animal groups. Hence, 'groups' is the most appropriate answer.

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SSC GD Constable
05/03/2024 (1st Shift)

Reasoning

Q.1. A is the father of B. B is the brother of C. C is the sister of D. D is the wife of E. F is the mother of E. G is the husband of F. How is E related to A?
(a) Sister (b) Mother
(c) Daughter's husband (d) Father

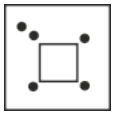
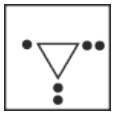
Q.2. After interchanging the given two signs what will be the values of equation (I) and (II) respectively?
× and ÷
I. $7 + 8 \div 2 \times 4 - 6$
II. $16 \times 4 + 13 \div 2 - 3$
(a) 6 and 15 (b) 5 and 6
(c) 8 and 9 (d) 5 and 27

Q.3. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
BEE : BEEHIVE :: DOG : KENNEL :: BAT : ?
(a) NEST (b) CAVE
(c) AQUARIUM (d) LEAF

Q.4. Which of the following letter will replace the question mark (?) in the given series?
B, W, S, ?, N, M
(a) S (b) O (c) R (d) P

Q.5. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

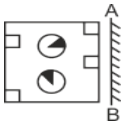


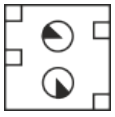
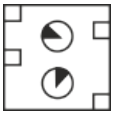
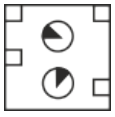
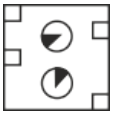
(a) 
(b) 
(c) 
(d) 

Q.6. Arrange the given words in the sequence in which they occur in the dictionary.
1. Clamp 2. Clan 3. Clank
4. Clang 5. Clap
(a) 1, 2, 3, 5, 4 (b) 1, 2, 4, 3, 5
(c) 1, 2, 4, 5, 3 (d) 1, 2, 3, 4, 5

Q.7. Six persons P1, P2, P3, P4, P5 and P6 are sitting around a circular table facing towards the centre (not necessarily in the same order). Only two persons are sitting between P2 and P6. Only one person is sitting between P2 and P4. P5 is sitting to the immediate right of P3. P1 is sitting second to the right of P6. Who is sitting on the immediate left of P4?
(a) P6 (b) P2 (c) P5 (d) P1

Q.8. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



(a) 
(b) 
(c) 
(d) 

Q.9. In the following question, select the related letters from the given alternatives.
AM : VH :: YK : ?
(a) TU (b) TF (c) PQ (d) RS

Q.10. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements :
I. All R are T.
II. Some X are R.
Conclusions :
I. No T are R.
II. Some R are X.
III. No X are T.
(a) Both conclusions II and III follows
(b) All conclusion follows
(c) Only conclusion II follows
(d) Both conclusions I and III follows

Q.11. Which two signs should be interchanged to make the given equation correct?
14 ÷ 2 - 15 + 3 × 6 = 4
(a) × and + (b) ÷ and ×
(c) = and + (d) - and +

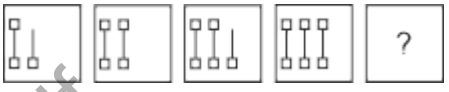
Q.12. In a certain code language, if WINTER is coded as 595259, AUTUMN is coded as 132345, then what will SPRING be coded as?
(a) 179957 (b) 154995
(c) 188757 (d) 179955

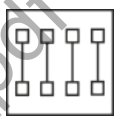
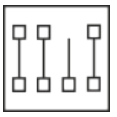
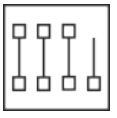
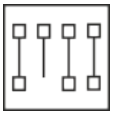
Q.13. Which answer figure will complete the pattern in the question figure? (rotation is NOT allowed)



(a) 
(b) 
(c) 
(d) 

Q.14. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.15. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
uuvvwwuuv_wwuu_vww_ _vvww
(a) vvww (b) wvwv (c) uvwv (d) vvuu

Q.16. Which of the following numbers will replace the question mark (?) in the given series?
16, 8, 24, ?, 36, 18
(a) 6 (b) 14 (c) 10 (d) 12

Q.17. Eight girls A, B, C, D, E, F, G and H are sitting around a circular table facing towards the centre (not necessarily in the same order). A is second to the left of D. D is third to the left of E. C is third to the right of G. G is not the immediate neighbour of E. H is third to the right of B. B is second to the right of G. Who is sitting on the immediate left of G?
(a) F (b) C (c) E (d) A

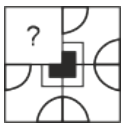
Q.18. In a certain code language, if PANTRY is coded as '715297' and STEADY is coded as '125147', then what will DATES be coded as?
(a) 41215 (b) 41251 (c) 42151 (d) 41241

Q.19. In the following question, select the missing number from the given series.
8, 24, 40, 56, ?, 88
(a) 77 (b) 72 (c) 70 (d) 74

Q.20. Which answer figure will complete

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the pattern in the question figure? (rotation is NOT allowed)



(a) 
(b) 
(c) 
(d) 

General Awareness

Q.21. Swami Dayanand Saraswati was the founder of which of the following reform association?
(a) Arya Samaj (b) Brahmo Samaj
(c) Veda Samaj (d) Prarthana Samaj

Q.22. "Ambubachi Mela" is associated with which of the following state?
(a) Assam (b) Kerala
(c) Nagaland (d) Tamil Nadu

Q.23. Name the 2023 Padma Vibhushan awardee who has served as an External Affairs Minister and Karnataka Chief Minister.
(a) Dilip Mahalanabis
(b) Kumar Mangalam Birla
(c) Mulayam Singh Yadav
(d) Somanahalli Mallaiah Krishna

Q.24. Which of the following Indian cities is associated with the Sangam literature?
(a) Madurai (b) Bodh Gaya
(c) Ujjain (d) Sarnath

Q.25. Shakoor Khan and Pt. Ram Narayan are associated with which musical instrument?
(a) Sarod (b) Sitar (c) Been (d) Sarangi

Q.26. Who is appointed as the new DGCA Chief in January 2023?
(a) D.C Sharma (b) Ravi Krishna
(c) Bir Singh Rai (d) Vikram Dev Dutt

Q.27. Who was the father of green revolution in India?
(a) C Subramanian
(b) MS Swaminathan
(c) Panduranga Hegde
(d) Sunderlal Bahuguna

Q.28. If the ball, delivered by the bowler, not being a Wide, passes the striker without touching his/her bat or person, any runs completed by the batters from that delivery, or a boundary allowance, shall be credited as _____.
(a) Leg runs (b) Byes
(c) Leg before wicket (d) No ball

Q.29. Which island exists between India and Sri Lanka?
(a) Kachchatheevu (b) Jangan
(c) Latur (d) Divar

Q.30. Which of the following is the time period of the Sixth five year plan?
(a) 1974-1979 (b) 1980-1985
(c) 1992-1997 (d) 1985-1990

Q.31. As per 2011 Census, which of the following religions has the least population?
(a) Sikhism (b) Buddhism
(c) Jainism (d) Christianity

Q.32. On which date, Major Dhyanchand's birthday is celebrated as National Sports Day in India?
(a) 2nd October (b) 30th November
(c) 1st March (d) 29th August

Q.33. Article 39A of the Indian Constitution deals with:
(a) Right to life (b) Panchayati Raj
(c) Right to freedom (d) Free legal aid

Q.34. From the _____ budget, the practice of showing budget deficit has been discontinued in India.
(a) 1996-97 (b) 1995-96
(c) 1997-98 (d) 1992-93

Q.35. Which of the following is NOT a p block element of the periodic table?
(a) Iodine (b) Silicon
(c) Magnesium (d) Phosphorous

Q.36. Which of the following pair of sports persons - sports associated with is correct?
I. Shefali Verma - Cricket
II. Sushil Kumar - Wrestling
(a) Only I (b) Both I and II
(c) Only II (d) Neither I nor II

Q.37. The actor's performance in a _____ plays is completely speechless, the story is enacted using a vocabulary of facial expressions and hand-gestures.
(a) Manipuri Dance (b) Odissi Dance
(c) Kathakali (d) Bharatanatyam

Q.38. Who among the following received Sangeet Natak Akademi Award for his contribution to tribal dance Baiga?
(a) Arjun Singh Dhurwey
(b) Hem Chandra Goswami
(c) Tankeswar Hazarika Borbayan
(d) Som Datt Battu

Q.39. The finance commission of India consist of a chairman and _____.
(a) 6 members (b) 3 members
(c) 10 members (d) 4 members

Q.40. The National Savings (Monthly Income Account) Scheme, 2019 has been amended through _____.
(a) National Savings (Monthly Income Account) (Amendment) Scheme, 2019
(b) National Savings (Monthly Income Account) (Amendment) Scheme, 2021
(c) National Savings (Monthly Income Account) (Amendment) Scheme, 2020
(d) National Savings (Monthly Income Account) (Amendment) Scheme, 2023

Quantitative Aptitude

Q.41. Marked price of a computer is Rs. 28000 and discount percentage is 5 percent. If the selling price of computer is Rs. 26068, then what is the additional discount percentage?
(a) 2 percent (b) 3 percent
(c) 1 percent (d) 5 percent

Q.42. A solid metallic sphere of radius 9 cm is melted and recast into a cone having diameter of the base as 9 cm. What is the height of the cone?
(a) 121 cm (b) 144 cm
(c) 196 cm (d) 100 cm

Q.43. A, B and C are three students. A got 25 percent more marks than B and 10 percent less marks than C. If B got 324 marks , then what are the marks got by C?
(a) 420 (b) 360 (c) 480 (d) 450

Q.44. By increasing 250 by 40%, the value obtained is
(a) 300 (b) 350 (c) 275 (d) 250

Q.45. What is the value of
$2.5 \times 0.7 + 3.5 \times 0.6 + 4.5 \times 0.8$?
(a) 6.55 (b) 9.25 (c) 7.45 (d) 5.35

Q.46. In a company there are 42 employees. The average salary of 27 employees is Rs. 4100 per month and average salary of 13 employees is Rs. 6100 per month. If the average salary of all employees is Rs. 7200 per month, then what is the per month average salary of the remaining 2 employees?
(a) Rs. 54000 (b) Rs. 44800
(c) Rs. 57800 (d) Rs. 56200

Q.47. Few students standing in a row have weights of 85 kg, 86 kg, 53 kg, 65 kg, 78 kg, 93 kg, 75 kg and 73 kg. What is the average weight of those students?

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(a) 78 kg (b) 76 kg (c) 68 kg (d) 82 kg

Q.48. If Asha borrows Rs. 52000 from Lakshmi for a period of four years. What will be the rate of simple interest per annum if Asha has to pay an interest of Rs. 20800 at the end of four years?
(a) 12% (b) 16% (c) 10 % (d) 14%

Q.49. The ratio of three numbers is 6:7:8. If the sum of the three numbers is 420, then what is the smallest number among the three numbers?
(a) 190 (b) 180 (c) 120 (d) 140

Q.50. Four numbers are in the ratio of 7 : 5 : 3 : 2. Sum of these numbers is 68. What will be the sum of the first and fourth number?
(a) 36 (b) 24 (c) 48 (d) 32

Q.51. A wire of length 36 meters is cut into equal pieces, each measuring 4 meters. Determine the number of pieces.
(a) 9 (b) 8 (c) 7 (d) 5

Q.52. E alone can complete a work in 15 days. F and G together can complete the same work in 10 days. E, F and G together will complete the same work in how many days?
(a) 12 days (b) 8 days
(c) 10 days (d) 6 days

Q.53. Which of the following is not divisible by 33?
(a) 2156 (b) 2013 (c) 2145 (d) 1914

Q.54. What is the value of
$95 - 111 \times 21 \div 3 + 44 \times 6$?
(a) - 418 (b) - 412 (c) - 424 (d) - 416

Q.55. If 44 percent rate of compound interest compounded yearly is equivalent to the x percent rate of compound interest compounded half yearly, then what is the value of x?
(a) 22 percent (b) 18 percent
(c) 20 percent (d) 24 percent

Q.56. A dealer sold a sofa set at a profit of 39%. Had he sold it for ₹1565 less, he would have gained 29%. For what value should he sell it in order to gain 27% ?
(a) ₹ 16,526.4 (b) ₹ 11,576.4
(c) ₹ 19,875.5 (d) ₹ 20,140.5

Q.57. Pankaj is 40 percent less efficient than Rahul. If Rahul can make a computer in 16 days, then Pankaj can make the same computer in how many days?
(a) $\frac{80}{3}$ days (b) $\frac{80}{7}$ days
(c) $\frac{40}{7}$ days (d) $\frac{80}{9}$ days

Q.58. A dining table is listed at Rs. 1500 is sold to a retailer at successive discounts of 18% and 15% by the wholesaler. Then the cost price of the dining table for retailer is:
(a) Rs. 1045.5 (b) Rs. 1256.7
(c) Rs. 1384.1 (d) Rs. 1156.6

Q.59. Ramesh walks at the speed of 16 km/hr and reaches his school 4 minutes late. If he walks at 20 km/hr, then he reaches 12 minutes before the scheduled time. What is the distance of his school from his house?
(a) 20 km (b) 12 km (c) 8 km (d) $\frac{64}{3}$km

Q.60. Cost price of an article is Rs. 2500. If the loss percentage is 24 percent, then what is the selling price of the article?
(a) Rs. 2200 (b) Rs. 1800
(c) Rs. 1900 (d) Rs. 2000

English

Q.61. Fill in the blank with the most appropriate option.
So, I _____ out my 10 thousand dollars and I said, "If I didn't get it, I'd start a bank by myself.'
(a) stucked (b) stuck (c) stick (d) sticked

Q.62. Select the most appropriate word to fill in the blank.
_____a child, he was tender and warm - hearted.
(a) So (b) As (c) Be (d) Us

Q.63. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
They <u>often drinks</u> wine with their meals.
(a) often drunk (b) often drunken
(c) often drink (d) No improvement

Q.64. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
He had glittering eyes / small, keen, and black - / and thinnest wide mottled lips.
(a) He had glittering eyes
(b) and thinnest wide mottled lips.
(c) No error
(d) - small, keen, and black -

Q.65. Select the most appropriate option for the given blank.
I _____ such an incredible opportunity because of you.
(a) missed (b) kicked
(c) blanked (d) loosed

Q.66. The sentence has been divided into three parts, identify the segment which contains a spelling error in the sentence given below. Choose no error if there is no error in the sentence.
The mysterious aura of the old bookstore/held an irresistibel alure, drawing book lovers from/far and wide to explore its hidden literary treasures.
(a) held an irresistibel alure, drawing book lovers from
(b) far and wide to explore its hidden literary treasures.
(c) The mysterious aura of the old bookstore
(d) no error

Q.67. Choose the word that is opposite in meaning to the given word.
Disputable
(a) Dubious (b) Negotiable
(c) Salubrious (d) Indisputable

Q.68. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
She was even more dreadfully fond of Estella (than she had been when) I last saw them together.
(a) No correction required
(b) then she have been when
(c) than she has been when
(d) than she has been where

Q.69. Select the most appropriate antonym of the given word.
Enigmatic
(a) Puzzling (b) Pretentious
(c) Obvious (d) Stumping

Q.70. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
My partner and I has become increasingly alienated from each other.
(a) No error
(b) has become increasingly
(c) My partner and I
(d) alienated from each other.

Q.71. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
My sister wants everybody to **always do what she tells them to do.**
(a) Till the cows come home
(b) Hands are tied
(c) Dance to the tunes
(d) Make it big

Q.72. Choose the word that means the same as the given word.
Villain
(a) Famous (b) Antagonist

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(c) Master (d) Clear

Q.73. Select the most appropriate word to fill in the blank.
There will _____ be handsome profits to be made.
(a) until (b) still (c) yet (d) unto

Q.74. Select the most appropriate meaning of the given idiom.
Off the Beaten Track
(a) Little-known (b) Contagious
(c) On a Strict budget (d) Adventurous

Q.75. Select the sentence with no spelling errors.
(a) We believe that many of the lawsuts they have initiated would destroy the integrity of our elections.
(b) We believe that many of the lawsuits they have initiated would destroy the intigrity of our elections.
(c) We beleve that many of the lawsuits they have initiated would destroy the integrity of our elections.
(d) We believe that many of the lawsuits they have initiated would destroy the integrity of our elections.

Cloze Test :
Direction :- [Q.76. to Q.80.]
Coal and natural gas-fired power plants (76) _____ electricity. Oil-based products such as gasoline, diesel fuel, and aviation fuel provide most of the energy (77) _____ in transportation. The industry also uses fossil fuels to (78)_____ power and heat needed by industrial processes. Residential and (79) _____ buildings use electricity for air-conditioning and lighting and oil and natural gas (80) _____ heating.

Q.76. (a) curtail (b) generate
(c) prompt (d) impede

Q.77. (a) useless (b) until
(c) is using (d) used

Q.78. (a) probate (b) produce
(c) permit (d) peruse

Q.79. (a) Privately (b) Demarcate
(c) Commercial (d) Natural

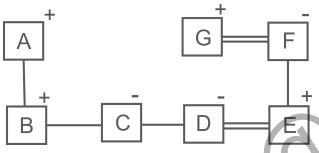
Q.80. (a) in (b) of (c) to (d) for

Answer Key :-

1.(c)	2.(d)	3.(b)	4.(d)
5.(a)	6.(b)	7.(a)	8.(b)
9.(b)	10.(c)	11.(d)	12.(a)
13.(a)	14.(c)	15.(d)	16.(d)
17.(d)	18.(b)	19.(b)	20.(a)
21.(a)	22.(a)	23.(d)	24.(a)
25.(d)	26.(d)	27.(b)	28.(b)
29.(a)	30.(b)	31.(c)	32.(d)
33.(d)	34.(c)	35.(c)	36.(b)
37.(c)	38.(a)	39.(d)	40.(d)
41.(a)	42.(b)	43.(d)	44.(b)
45.(c)	46.(d)	47.(b)	48.(c)
49.(c)	50.(a)	51.(a)	52.(d)
53.(a)	54.(a)	55.(c)	56.(c)
57.(a)	58.(a)	59.(d)	60.(c)
61.(b)	62.(b)	63.(c)	64.(b)
65.(a)	66.(a)	67.(d)	68.(a)
69.(c)	70.(b)	71.(c)	72.(b)
73.(b)	74.(a)	75.(d)	76.(b)
77.(d)	78.(b)	79.(c)	80.(d)

Solutions :-

Sol.1.(c)

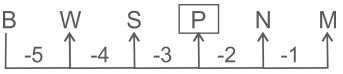


E is A's daughter's husband.

Sol.2.(d) I. $7 + 8 \div 2 \times 4 - 6$
As per given instruction, after interchanging × and ÷ we get;
$\Rightarrow 7 + 8 \times 2 \div 4 - 6$
$\Rightarrow 7 + 8 \times \frac{2}{4} - 6 \Rightarrow 7 + 4 - 6 = 5$
II. $16 \times 4 + 13 \div 2 - 3$
As per given instruction, after interchanging × and ÷ we get;
$\Rightarrow 16 \div 4 + 13 \times 2 - 3 \Rightarrow 4 + 26 - 3 = 27$

Sol.3.(b) As Bee lives in Beehive and Dog lives in Kennel.
Similarly, Bat lives in Cave.

Sol.4.(d)

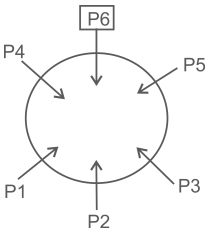


Sol.5.(a)

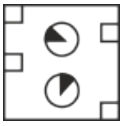


Sol.6.(b) The correct order is;
Clamp(1) → Clan(2) → Clang(4) → Clank(3) → Clap(5)

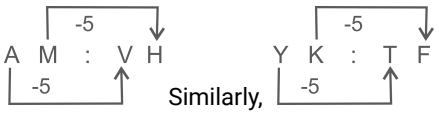
Sol.7.(a)



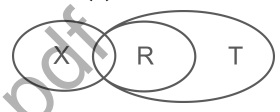
Sol.8.(b)



Sol.9.(b)



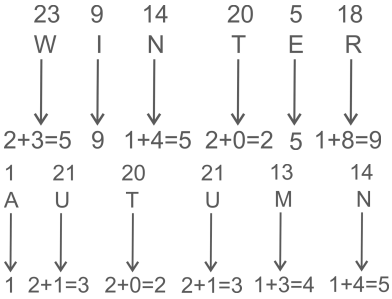
Sol.10.(c)



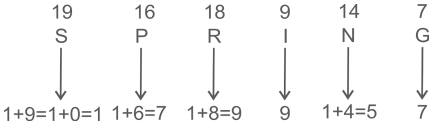
Only conclusion II follows.

Sol.11.(d) Given : $14 \div 2 - 15 + 3 \times 6 = 4$
After going through all the options, option (d) satisfies.
After interchanging - and + we get,
$14 \div 2 + 15 - 3 \times 6 = 4$
$7 + 15 - 18 = 4 \Rightarrow 4 = 4 \Rightarrow$ LHS = RHS

Sol.12.(a)



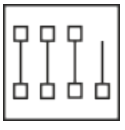
Similarly,



Sol.13.(a)



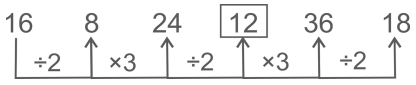
Sol.14.(c)



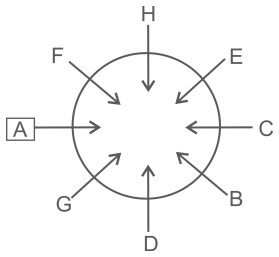
Sol.15.(d)
uuvvww/uuv**v**ww/uu**v**vww/**u u**vvww

Sol.16.(d)

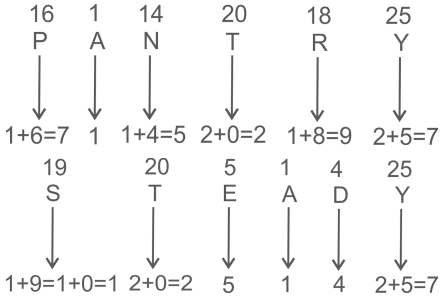
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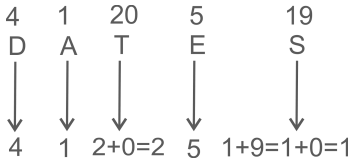
Sol.17.(d)



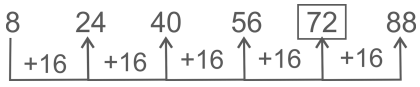
Sol.18.(b)



Similarly,



Sol.19.(b)



Sol.20.(a)



Sol.21.(a) Arya Samaj. Swami Dayanand Saraswati founded the Arya Samaj in 1875, an organisation that attempted to reform Hinduism. Reform Organizations and their founders: Brahmo Samaj - Founded by Raja Ram Mohan Roy. Veda Samaj - Keshab Chandra Sen and K. Sridharalu Naidu. Prarthana Samaj - Atmaram Pandurang.

Sol.22.(a) Assam. Ambubachi Mela - This is a 3 - 4 day ritualistic festival associated with the annual purification rites of Goddess Kamakhya. Other Festivals of Assam: Me Dum Me Phi, Ali Ai Ligang Festival, Baishagu Festival, Rongker Festival, Jonbeel Mela, Rajini and Harni Gabra.

Sol.23.(d) Somanahalli Mallaiah Krishna. 2024 Padma Vibhushan Awardees: Dr. Vyjayantimala Bali (Art), Venkaiah Naidu (Public Affairs), Dr. Bindeshwar Pathak (Social work), Dr. Padma Subrahmanyam (Art), and Shri Konidela Chiranjeevi (Art). Present Chief Minister of Karnataka - Sri Siddaramaiah (As of August 2024).

Sol.24.(a) Madurai. According to Tamil legends, there were three Sangams in ancient South India, known as Muchchangam. The First Sangam took place in Madurai, the Second Sangam in Kapadapuram, and the Third Sangam was again held in Madurai.

Sol.25.(d) Sarangi - stringed instrument. Notable Sarangi Players: Abdul Latif Khan, Ustad Sabri Khan, Bundu Khan, and Sultan Khan. Musical instruments and their players: Sarod - Amjad Ali Khan, Bahadur Khan, and Brij Narayan; Sitar - Nikhil Banerjee, Ravi Shankar, and Vilayat Khan.

Sol.26.(d) Vikram Dev Dutt. The Directorate General of Civil Aviation (DGCA) is the regulatory body in the field of Civil Aviation, primarily dealing with safety issues. It is an attached office of the Ministry of Civil Aviation.

Sol.27.(b) MS Swaminathan. His awards: Bharat Ratna (2024), Padma Vibhushan (1989), Padma Bhushan (1972) and Padma Shri (1967).

Sol.28.(b) Byes. Terms used in Cricket: No ball - It is an illegal delivery in cricket that violates specific rules, such as overstepping the crease or delivering with an improper action. LBW (Leg Before Wicket) - A mode of dismissal when the ball would have hit the wicket but was instead blocked by any part of their body, except their hands.

Sol.29.(a) Kachchatheevu. The Katchatheevu Island is an uninhabited islands located in the Palk Strait, between the southeastern coast of India (Tamil Nadu) and the northern coast of Sri Lanka.

Sol.30.(b) 1980-1985. Sixth five year plan : Target Growth rate - 5.2% and Actual Growth rate - 5.7%. Aim: To boost national income, modernize technology, reduce poverty and unemployment through skill development schemes, rural employment programs and manage population growth.

Sol.31.(c) Jainism. As per the 2011 Census : Total Population is 121.09 crores; Hindu 96.63 crores (79.8%); Muslim 17.22 crores (14.2%); Christian 2.78 crores (2.3%); Sikh 2.08 crores (1.7%); Buddhist 0.84 crores (0.7%); Jain 0.45 crores (0.4%), Other Religions & Persuasions (ORP) 0.79 crores (0.7%) and Religion Not Stated 0.29 crores (0.2%).

Sol.32.(d) 29th August. Other personalities and their birthdays of national importance: Mahatma Gandhi - 2nd October (Gandhi Jayanti), Jawaharlal Nehru - 14th November (Children's Day), Swami Vivekananda - 12th January (National Youth Day), and Dr. Sarvepalli Radhakrishnan - 5th September (Teacher's Day).

Sol.33.(d) Free legal aid. Article 21 - Protection of Life and Personal Liberty. Article 40 - Organisation of village panchayats. Article 19 - Protection of certain rights regarding freedom of speech, etc.

Sol.34.(c) 1997-98. When a government spends more than it collects by way of revenue, it incurs a budget deficit. Revenue deficit = Revenue expenditure – Revenue receipts. Gross fiscal deficit = Total expenditure – (Revenue receipts + Non-debt creating capital receipts).

Sol.35.(c) Magnesium. It is an s-block element found in Group 2 (Alkaline earth metals). Iodine: p-block element found in Group 17 (Halogens) of the periodic table. Silicon: p-block element located in Group 14 (Carbon family). Phosphorus: p-block element found in Group 15 (Nitrogen family).

Sol.36.(b) Both I and II. Sports and Their Players: Cricket - Babar Azam, Smriti Mandhana, Jhulan Goswami, and Hardik Pandya; Wrestling - Geeta Phogat, Bajrang Punia, Vinesh Phogat and Ravi Kumar Dahiya.

Sol.37.(c) Kathakali. Manipuri dance is a restrained and introverted art form where the artist avoids eye contact with the audience. It is rooted in the Vaishnava faith of the Meiteis in Manipur. Bharatanatyam (Tamil Nadu) - It evolved from temple dances and was once called Sadir or Dasi Attam. Odissi (Odisha) was traditionally performed by female temple servants known as 'maharis' as part of temple rituals.

Sol.38.(a) Arjun Singh Dhurwey. He is famous for popularising Baiga folk songs and dance. In this form of dance, performers wear animal masks such as peacocks, elephants, and horses. His book: 'Baiga Geet - Baiga Janjati ke Prachalit Paramparik Geet'. His Award: Padma Shri (2022).

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Sol.39.(d) 4 members. The Finance Commission of India (Article 280 of the Constitution) ensures equitable tax distribution between the Centre and States. Tenure: 5 years. Composition: 5 member body (Chairman + Four Other Members). Chairman of 16th Finance Commission: Shri Arvind Panagariya.

Sol.40.(d) The National Savings (Monthly Income Account) (Amendment) Scheme, 2023 - The maximum investment limit has been raised from ₹4.5 lakh to ₹9 lakh for single accounts and from ₹9 lakh to ₹15 lakh for joint accounts. Effective from - 1st April 2023.

Sol.41.(a) SP = MP × $\frac{Discount\ \%}{100}$

$\Rightarrow$ 26068 = 28000 × $\frac{95}{100} \times \frac{100-x}{100}$

$100 - x = \frac{26068 \times 100 \times 100}{28000 \times 95}$

$x = 2\ \%$

Sol.42.(b) Volume of sphere = Volume of cone

$\Rightarrow \frac{4}{3}\pi r^3 = \frac{1}{3}\pi r^2 h$

$\Rightarrow 4 \times 9^3 = \frac{9}{2} \times \frac{9}{2} \times h$

$\Rightarrow h = 4 \times 9 \times 4 = 144\ cm$

Sol.43.(d) Let marks obtained by

A : B : C = $90x : 72x : 100x$

$\Rightarrow 72x = 324$

$\Rightarrow 100x = \frac{324}{72x} \times 100x = 450$

$\therefore$ The marks got by C = 450

Sol.44.(b) The value obtained

= 250 × $\frac{140}{100} = 350$

Sol.45.(c)

$\Rightarrow$ 2.5 × 0.7 + 3.5 × 0.6 + 4.5 × 0.8

$\Rightarrow$ 1.75 + 2.10 + 3.60 = 7.45

Sol.46.(d) Total salary of all 42 employees = 42 × $7200 = 302400$

salary of 27 employees

= 27 × 4100 = 110700

salary of another 13 employees

= 13 × 6100 = 79300

Average salary of the remaining 2 employees = $\frac{302400-(110700+79300)}{2}$

= $\frac{112400}{2} = Rs.\ 56200$

Sol.47.(b) Average weight

= $\frac{85+86+53+65+78+93+75+73}{8}$

= 76 kg

Sol.48.(c) SI = $\frac{p \times r \times t}{100}$

20800 = $\frac{52000 \times r \times 4}{100}$, r = 10%

Sol.49.(c)

Let the 3 numbers be $6x$, $7x$ and $8x$

According to the question,

$6x + 7x + 8x = 420$

$21x = 420$, $x = 20$

Smallest number $(6x) = 120$

Sol.50.(a)

Let the numbers be $7x$, $5x$, $3x$ and $2x$

According to the question,

$7x + 5x + 3x + 2x = 68$, $17x = 68$, $x = 4$

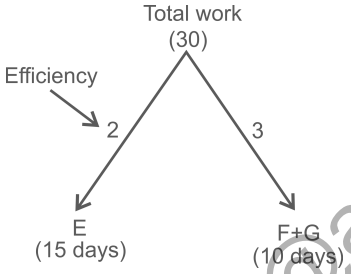
Sum of 1st and 4th number $(7x + 2x)$

= 9 × 4 = 36

Sol.51.(a)

Required number of pieces = $\frac{36}{4} = 9$

Sol.52.(d)



Efficiency (E + F + G) = 2 + 3 = 5 Unit

Required days = $\frac{30}{2+3}$ = 6 days

Sol.53.(a) 33 = 11 × 3

Divisibility rule of 11 :- when the difference between odd and even places sum is equal to 0 or multiple of 11.

Divisibility rule of 3 :- sum of digits is divisible by 3.

By checking options one by option (a) is not satisfied.

2156 = 2 + 1 + 5 + 6 = 14

(not divisible by 3)

Sol.54.(a)

$\Rightarrow$ 95 - 111 × 21 ÷ 3 + 44 × 6

$\Rightarrow$ 95 - 111 × 7 + 264 = 359 - 777 = - 418

Sol.55.(c)

By checking option one by one then option (c) satisfied the given condition.

20 + 20 + $\frac{20 \times 20}{100}$ = 44% (satisfied)

Sol.56.(c) According to the question,

(39 - 29)% = Rs. 1565

10% = Rs. 1565

100% (CP) = Rs. 15650

Required SP = 15650 × $\frac{127}{100}$

= Rs.19875.5

Sol.57.(a) Ratio - Pankaj : Rahul

Efficiency - 3 : 5

Total work = 16 × 5 = 80 unit

Time taken by Pankaj to done whole work = $\frac{80}{3}$ days

Sol.58.(a)

Price of dining table for retailer

= 1500 × $\frac{82}{100} \times \frac{17}{20}$ = Rs. 1,045.5

Sol.59.(d) Formula used :-

Distance = $\frac{s_1 \times s_2}{s_1 \sim s_2}$ × difference of time

$\Rightarrow \frac{16 \times 20}{20-16} \times \frac{4+12}{60}$

$\Rightarrow \frac{16 \times 20}{4} \times \frac{16}{60} \Rightarrow \frac{64}{3}$ km

Hence, required distance = $\frac{64}{3}$ km

Sol.60.(c)

Selling price = 2500 × $\frac{19}{25}$ = Rs. 1900

Sol.61.(b) stuck

The given sentence is in the past tense, so it must have the verb in the past form. 'Stuck' is the correct past form of 'stick'. Hence, 'stuck' is the most appropriate answer.

Sol.62.(b) As

'As' means during the time of being. The given sentence states that when he was a child, he was tender and warm-hearted. Hence, 'as' is the most appropriate answer.

Sol.63.(c) often drink

We generally use 'often' in the simple present tense. 'They' is a plural subject that will take the plural verb 'drink' of simple present tense. Hence, 'often drink' is the most appropriate answer.

Sol.64.(b) and thinnest wide mottled lips.

Two or more adjectives that are used together should be of the same degree. Therefore, 'thinnest' must be replaced with 'thin' as all other adjectives are of positive degree. Hence, 'and thin wide mottled lips' is the most appropriate answer.

Sol.65.(a) missed

'Miss an opportunity' means to not make use of the opportunity. The given sentence states that I missed such an incredible opportunity because of you. Hence, 'missed' is the most appropriate answer.

Sol.66.(a) held an irresistibel alure, drawing book lovers from

'Irresistible' and 'allure' are the correct spellings.

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Sol.67.(d) Indisputable - not able to be questioned or doubted.
Disputable - able to be questioned or argued.
Dubious- doubtful or suspect.
Negotiable - open to discussion or modification.
Salubrious - healthful or beneficial.

Sol.68.(a) No correction required
The given sentence is grammatically correct.

Sol.69.(c) Enigmatic - mysterious or difficult to understand
Puzzling - difficult to explain or understand.
Pretentious - attempting to impress by affecting greater importance or merit than is actually possessed.
Obvious - easily perceived or understood.
Stumping - causing difficulty or confusion.

Sol.70.(b) has become increasingly
'My partner and I' is a plural subject that will take the plural verb 'have'. Hence, 'have become increasingly' is the most appropriate answer.

Sol.71.(c) Dance to the tunes- always do what she tells them to do.

Sol.72.(b) Antagonist - a character who is the main enemy of the protagonist.
Villain - antagonist or a character who opposes the hero.
Master - a person with great skill or authority.

Sol.73.(b) still
'Still' means in spite of something. The given passage states that there will still be handsome profits to be made. Hence, 'still' is the most appropriate answer.

Sol.74.(a) Off the Beaten Track - little-known.
E.g.- They decided to explore the small town off the beaten track, where few tourists go.

Sol.75.(d) We believe that many of the lawsuits they have initiated would destroy the integrity of our elections.
'Believe', 'lawsuits' and 'integrity' are the correct spellings.

Sol.76.(b) generate
'Generate' means to produce energy in a particular form. The given passage states that coal and natural gas-fired power plants generate electricity. Hence, 'generate' is the most appropriate answer.

Sol.77.(d) used
The given passage states that oil-based products such as gasoline, diesel fuel, and aviation fuel provide most of the energy used in transportation. Hence, 'used' is the most appropriate answer.

Sol.78.(b) produce
'Produce' means to provide or supply something. The given passage states that the industry also uses fossil fuels to produce power and heat needed by industrial processes. Hence, 'produce' is the most appropriate answer.

Sol.79.(c) Commercial
'Commercial' means engaged in business. The given passage states that residential and commercial buildings use electricity for air-conditioning and lighting. Hence, 'commercial' is the most appropriate answer.

Sol.80.(d) for
'For' is used to indicate the reason or purpose of something. The given passage states that Residential and commercial buildings use oil and natural gas for heating. Hence, 'for' is the most appropriate answer.

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SSC GD Constable 05/03/2024 (2nd Shift)

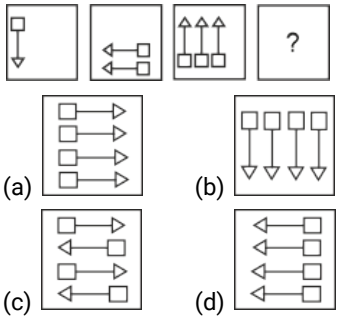
Reasoning

Q.1. In the following question, select the missing number from the given series.
84, 55, 86, 49, 90, ?
(a) 47 (b) 54 (c) 13 (d) 50

Q.2. If A × B means A is the brother of B, A + B means A is the father of B , $A - B$ means A is the sister of B and A ÷ B means A is the wife of B. If $P \times Q \div H + D - B + M$, then how is B related to P ?
(a) Daughter (b) Son
(c) Sister's son (d) Brother's son

Q.3. Which of the following letter cluster will replace the blank (_____) in the given series ?
BMM, DOO, _____, HSS, JUU
(a) EQM (b) FQQ (c) EQQ (d) FQP

Q.4. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



Q.5. In the following question, select the related letter pair from the given alternatives.
RE : WJ :: ?
(a) VI : RF (b) QD : VI
(c) MZ : IT (d) RE : NB

Q.6. Eight athletes Sunil, Abhishek, Mohit, Cheenu, Rahul, Tanu, Koyal and Ankit are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Koyal is third to the left of Rahul. Tanu is third to the right of Cheenu. Mohit is second to the right of Sunil. Abhishek is second to the left of Cheenu. Tanu is second to the left of Sunil. Who is sitting second to the right of Cheenu ?
(a) Sunil (b) Abhishek (c) Ankit (d) Tanu

Q.7. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements:
I. Some T are Y.
II. All Y are Z.
Conclusions:
I. Some Z are not Y.
II. Some Z are T.
(a) Both conclusions I and II follows
(b) Only conclusion I follows
(c) Only conclusion II follows
(d) Neither conclusion follows

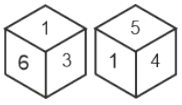
Q.8. Five friends P, B, C, G and H are sitting around a circular table facing towards the centre. H is sitting to the immediate right of C. B sitting third to the left of H. P is not an immediate neighbour of C. Who is sitting on the immediate left of G ?
(a) H (b) B (c) P (d) C

Q.9. In the following question, select the missing number from the given series.
483, 498, ?, 528, 543, 558
(a) 508 (b) 510 (c) 520 (d) 513

Q.10. In a certain code language, 'HOTELS' is coded as 'INUDMR'. What is the code for 'INVEST' in that code language ?
(a) JMWDSR (b) JNXDSR
(c) JMWETR (d) JMWDTS

Q.11. In a certain code language, 'SOLD' is coded as 'OJHY'. What is the code for 'TEST' in that code language ?
(a) PZNO (b) PZPP (c) PZOP (d) PZOO

Q.12. Two positions of a dice are given below. What will come on the face opposite to the face containing '6' on it ?

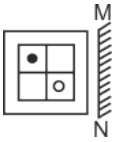


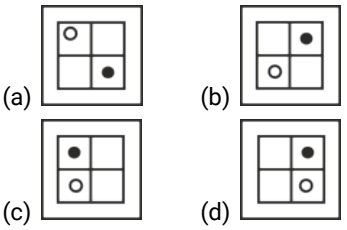
(a) 1 (b) 4 (c) 3 (d) 5

Q.13. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
AQM, DTP, GWS, JZV, ?
(a) NCX (b) MCY (c) NCW (d) MDW

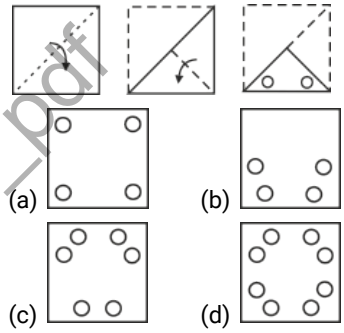
Q.14. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word, and the second word is related to the first word.
KASHMIR : PARADISE ON EARTH : : KULLU : VALLEY OF GODS : : DARJEELING : ?
(a) CITY OF TEMPLES
(b) CITY OF HILLS
(c) CITY OF BEACHES
(d) CITY OF LAKES

Q.15. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.





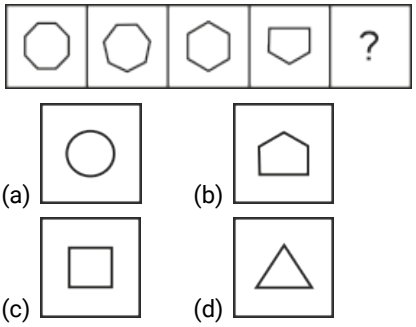
Q.16. A paper is folded and cut as shown below. How will it appear when unfolded ?



Q.17. Which two numbers should be interchanged to make the given equation correct ?
$20 - 5 \times 2 + 10 \div 4 = 14$
(a) 10 and 5 (b) 4 and 2
(c) 20 and 14 (d) 4 and 5

Q.18. Arrange the given words in the sequence in which they occur in the dictionary.
1. Context 2. Content 3. Contest
4. Contend 5. Contempt
(a) 5, 4, 3, 1, 2 (b) 5, 4, 2, 3, 1
(c) 5, 4, 3, 2, 1 (d) 5, 4, 2, 1, 3

Q.19. Select the figure that will replace the question mark (?) in the following figure series.



Q.20. Which two numbers should be interchanged to make the given equation correct ?
$7 - 8 \times 0 + 9 = 2$
(a) 2 and 0 (b) 8 and 9
(c) 8 and 7 (d) 7 and 2

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General Awareness

Q.21. Which of the following won the Raja Bhalindra Singh Trophy in the National Games 2023 ?
(a) Services (b) Kerala
(c) Haryana (d) Maharashtra

Q.22. Election Commission of India is a _____.
(a) constitutional body
(b) executive body
(c) Statutory Body
(d) Judicial Body

Q.23. Who is the second woman officer from the medical branch of the Indian Air Force (IAF) to attain the esteemed rank of Air Marshal ?
(a) Air Chief Marshal Rani Mishra
(b) Air Marshal Padma Bandopadhyay
(c) Air Vice Marshal Punita Arora
(d) Air Marshal Sadhna S Nair

Q.24. Newlands law of octaves was only applicable upto which element ?
(a) Ca (b) K (c) Na (d) Mg

Q.25. The Right against self - incrimination fundamental right ensures that:
(a) No person can be compelled to provide evidence in court.
(b) no person can be compelled to be a witness against themselves.
(c) No person can be compelled to confess to a crime.
(d) No person can be compelled to testify against someone else.

Q.26. Which was the first bank established in India in 1770 ?
(a) Bank Of Hindustan
(b) State Bank of India
(c) Punjab National Bank
(d) Oudh commercial Bank

Q.27. Generally, the sex ratios have been calculated as the proportion of females to _____ males.
(a) 100 (b) 1000 (c) 500 (d) 200

Q.28. Who was the social reformer and political leader who championed women's rights and played a significant role in the Widow Remarriage Act of 1856 ?
(a) Swami Vivekananda
(b) Ishwar Chandra Vidyasagar
(c) Dayananda Saraswati
(d) Bhagat Singh

Q.29. What was the target growth rate of the first five-year plan in India ?
(a) 1.1 percent (b) 4.1 percent
(c) 2.1 percent (d) 3.1 percent

Q.30. Rapid industrialization was the main objective of which of the following five-year plans of India ?
(a) First five-year Plan
(b) Second five-year Plan
(c) Third five-year Plan
(d) Fourth five-year Plan

Q.31. According to the 2011 Census of India, the growth rate of population of Hindus was _____.
(a) 11.8 percent (b) 16.8 percent
(c) 19.8 percent (d) 22.8 percent

Q.32. Which of the following Indian Classical dancers was the youngest to receive the Padma Bhushan ?
(a) Sonal Mansingh
(b) Mallika Sarabhai
(c) Rukmini Devi Arundale
(d) Mrinalini Sarabhai

Q.33. Asad Ali Khan is associated with which of the following musical instruments ?
(a) Rudra Veena (b) Mohan Veena
(c) Veena (d) Sitar

Q.34. In freestyle wrestling, in which of the following situation does a wrestler is provided with 3 points ?
(a) Exceeding a throw of great height losing contact of the other opponent from the ground.
(b) Placing the opponent in danger
(c) Bringing the opponent into immediate danger
(d) Holding of opponent on the ground

Q.35. Who was the flag bearer for the opening ceremony of the Asian Games 2018 ?
(a) Rani Rampal (b) Sanjeev Rajput
(c) Neeraj Chopra (d) Deepak Kumar

Q.36. Pongal is a four-day long harvest festival, which is celebrated at the harvest of crops like sugarcane and _____.
(a) Rice (b) Gram (c) Mustard (d) Wheat

Q.37. From which state, the performing art 'Ottamthullal' belongs ?
(a) Assam (b) Kerala
(c) Bihar (d) Jharkhand

Q.38. Which of the following Indian states has launched LAccMI scheme in 2023 ?
(a) Madhya Pradesh (b) Odisha
(c) Uttarakhand (d) Gujarat

Q.39. Who among the following is the Deputy National Security advisor appointed in January 2023 ?
(a) Pankaj Kumar Singh
(b) Nehchal Sandhu
(c) Rajiv Gauba
(d) Ajit Doval

Q.40. The _____ Empire was established in 322/321 B.C. by the great king Chandragupta.
(a) Mauryan (b) Pala
(c) Mughal (d) Nanda

Quantitative Aptitude

Q.41. The perimeter of the top of a rectangular table is 84 metre and its area is 432 $metre^2$. What is the length of its diagonal ?
(a) 18 metre (b) 24 metre
(c) 35 metre (d) 30 metre

Q.42. A certain sum of money amounts to ₹2700 in 2 years and to ₹3150 in 3 years at a certain rate of simple interest. Find the rate of interest per annum.
(a) 35% (b) 25% (c) 30% (d) 22%

Q.43. What is the value of
$1440 \div 4 - 1555 \div 5 + 21 \times 3$?
(a) 84 (b) 112 (c) 92 (d) 78

Q.44. A number is decreased by 18% and the resulting number is again decreased by 50%. What is the final percentage of decrease ?
(a) 62% (b) 66% (c) 55% (d) 59%

Q.45. Umesh scored 15 percent marks in an exam and failed by 30 marks. If he scores 60 percent marks, then he gets 15 marks more than passing marks. What should be the passing marks for the exam ?
(a) 40 (b) 45 (c) 50 (d) 44

Q.46. Deepak alone can do a work in 64 hours. Deepak and Rahul together can do the same work in 32 hours. Rahul and Karan together can do the same work in 4 hours. In how many hours can Karan alone do the same work ?
(a) $\frac{64}{17}$ hours (b) $\frac{63}{8}$ hours
(c) $\frac{64}{15}$ hours (d) 3.5 hours

Q.47. Two successive discounts of 20 percent and 30 percent are given by Rajat on a shirt. If the marked price of the shirt is Rs. 800, then what is the value of discount ?
(a) Rs. 360 (b) Rs. 366
(c) Rs. 352 (d) Rs. 358

Q.48. The cost of diamond is directly proportional to the square of its weight. The cost of diamond is Rs. 69660. It break into two pieces whose weight are in the ratio of 4: 5. What is the loss incurred because of the breakage ?

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(a) Rs. 40000 (b) Rs. 32200
(c) Rs. 34400 (d) Rs. 24600

Q.49. A sum invested at the same rate of compound interest (compounding annually) becomes Rs. 10800 in 4 years and Rs. 32400 in 8 years. What is the sum ?
(a) Rs. 3600 (b) Rs. 3800
(c) Rs. 4200 (d) Rs. 4100

Q.50. Y can complete a work in 20 days and Z can complete the same work in 10 days. If both of them work together, then in 2 days what percent work of the total work will be completed ?
(a) 45 percent (b) 35 percent
(c) 30 percent (d) 33.3 percent

Q.51. What is the value of
$(\frac{143}{11} + \frac{225}{15} - \frac{39}{13}) \times (\frac{784}{56} + \frac{96}{24} - \frac{81}{27})$?
(a) 375 (b) 625 (c) 475 (d) 725

Q.52. The ratio of incomes of Manoj and Paras is 12 : 7. If Paras gets Rs. 4000 less than Manoj, then what is the total income of Manoj and Paras ?
(a) Rs. 9600 (b) Rs. 4000
(c) Rs. 5600 (d) Rs. 15200

Q.53. A train of length 810 metres crosses a another train of length 1220 metres in 29 seconds. Both the trains are running is the opposite directions. If the speed of both the trains is same, then what is the speed ?
(a) 126 km/hr (b) 137 km/hr
(c) 118 km/hr (d) 145 km/hr

Q.54. A table is sold at a discount of 35 percent. If the marked price of the table is Rs. 2400, then what is the selling price of the table ?
(a) Rs.1560 (b) Rs.1420
(c) Rs.1250 (d) Rs. 840

Q.55. The cost price of 44 jars is equal to the selling price of 24 jars. What is the profit percentage in this transaction ?
(a) 83.3% (b) 75.4% (c) 85.6% (d) 47.5%

Q.56. Aakash buys a mobile for ₹15000 and sells it to Neha at a 20% profit. Neha then sells the same mobile to Rohit at a 15% profit. Rohit broke the mobile and then sold it to Karan at a 25% loss. Find the amount paid by Karan.
(a) Rs. 15025 (b) Rs. 15255
(c) Rs. 15525 (d) Rs. 15055

Q.57. The average of 31 results is 204. If the average of first 16 results is 219 and that of the last 16 results is 185, then what will be the 16th result ?
(a) 135 (b) 138 (c) 142 (d) 140

Q.58. If the number 4563A8 is divisible by 11, then what is the value of A ?
(a) 6 (b) 5 (c) 3 (d) 7

Q.59. If A has 155 pencils, B has 195 pencils and C has 175 pencils, then find the average number of pencils with A, B, and C.
(a) 160 (b) 175 (c) 150 (d) 145

Q.60. What is the value of
$5852 \div 11 - 41 \times 3 + 57$?
(a) 452 (b) 462 (c) 458 (d) 466

English

Q.61. Select the most appropriate word to fill in the blank.
She gave me _____ antique bed cover.
(a) an (b) a (c) enough (d) than

Q.62. Select the most appropriate option for the given blank.
Changing his tactics he tried to _____him and offered him money.
(a) bribe (b) bribed
(c) bribing (d) be bribe

Q.63. Select the most appropriate synonym of the given bracketed word.
She (woke up) and realized she had no recollection of the past several hours.
(a) Moved (b) Activated
(c) Challenged (d) Awakened

Q.64. Select the sentence with no spelling errors.
(a) She's handled her transition from reality TV star to the real world with grace and poise.
(b) She's handled her transetion from reality TV star to the real world with grace and poise.
(c) She's handled her transition from reality TV star to the real world with grace and puoise.
(d) She's handled her transition from reality TV star to the real world with grase and poise.

Q.65. Choose the most appropriate antonym of the underlined word.
If the riots have any comparable **antecedent,** it's the violence that took over French towns and cities in the fall of 2005.
(a) subsequent (b) lateral
(c) previous (d) past

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
In comparison to them, I require far superior staff for my organisation.
(a) In comparison to them
(b) for my organisation
(c) No error
(d) I require far superior staff

Q.67. Choose the correct words to complete the sentence:
In the midst of the (1)_____forest, the hiker suddenly realized that he had lost his (2) _____and had no sense of (3)____.
(a) dense, map, direction
(b) thick, compass, velocity
(c) shrewd, gun, dangers
(d) deep, flashlight, altitude

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The official agencies often struggle to contain the spreading of fake news.
(a) the spreading of fake news.
(b) often struggle to contain
(c) No error
(d) The official agencies

Q.69. Select the most appropriate meaning of the given idiom.
Mad as a hatter
(a) To be alert (b) To cause trouble.
(c) Fast asleep (d) Completely Crazy

Q.70. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Jump on the bandwagon
(a) To join an activity that has become very popular
(b) To support a wrong person
(c) To take on a task that is very hard
(d) To reach to a decision without any discussion

Q.71. Select the incorrectly spelt word from the given sentence.
Marie was stunned by this horrible misfortune and endured heartbreaking anguesh.
(a) anguesh (b) endured
(c) misfortune (d) stunned

Q.72. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
While white blood cells are powerful people protectors, they has been not enough on their own.
(a) not enough on their own.
(b) powerful people protectors, they has been
(c) No error
(d) While white blood cells are

Q.73. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
They'll be here tomorrow.

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(a) No improvement (b) are here
(c) is here (d) being here

Q.74. Select the most appropriate option for the given blank.
Don't you ever _____your voice at me.
(a) put (b) push (c) raise (d) erupt

Q.75. Fill in the blank with the most appropriate option.
I thought till I wore my head _____, but I couldn't see any way out of the trouble.
(a) sore (b) soar (c) boar (d) bore

Cloze Test :
Direction :- [Q.76. to Q.80.]
We all travel for different (76)_____ ; wanderlust, a (77)_____ to experience a different culture, a desire to forget, or a desire to (78)_____new people. Traveling becomes a means for people to deal with different situations, try new things, and find their (79)_____of self. Budget travel, at its core, is a tool for personal development. It allows us to grow, learn, and (80) _____ .

Q.76. (a) measures (b) cases
(c) reasons (d) pretexts

Q.77. (a) energy (b) count
(c) fraction (d) want

Q.78. (a) greet (b) meet
(c) reflect (d) hold

Q.79. (a) scene (b) mean
(c) sense (d) place

Q.80. (a) portend (b) connect
(c) differ (d) affiliate

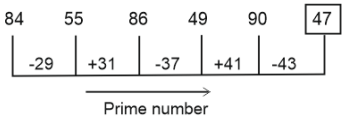
Answer Key :-

1.(a)	2.(c)	3.(b)	4.(a)
5.(b)	6.(c)	7.(c)	8.(b)
9.(d)	10.(d)	11.(d)	12.(b)
13.(b)	14.(b)	15.(b)	16.(d)
17.(d)	18.(b)	19.(c)	20.(a)
21.(d)	22.(a)	23.(d)	24.(a)
25.(b)	26.(a)	27.(b)	28.(b)
29.(c)	30.(b)	31.(b)	32.(a)
33.(a)	34.(c)	35.(c)	36.(a)
37.(b)	38.(b)	39.(a)	40.(a)
41.(d)	42.(b)	43.(b)	44.(d)
45.(b)	46.(c)	47.(c)	48.(c)
49.(a)	50.(c)	51.(a)	52.(d)
53.(a)	54.(a)	55.(a)	56.(c)
57.(d)	58.(a)	59.(b)	60.(d)
61.(a)	62.(a)	63.(d)	64.(a)

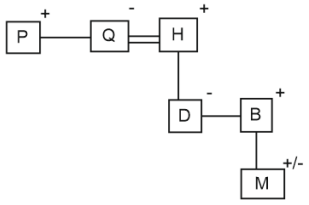
65.(a)	66.(c)	67.(a)	68.(a)
69.(d)	70.(a)	71.(a)	72.(b)
73.(a)	74.(c)	75.(a)	76.(c)
77.(d)	78.(b)	79.(c)	80.(b)

Solutions :-

Sol.1.(a)

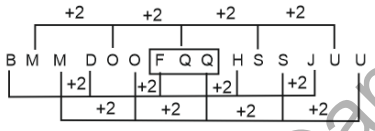


Sol.2.(c)

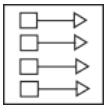


B is the son of P's sister.

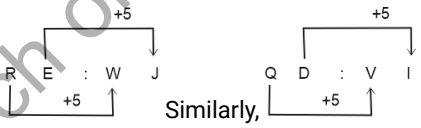
Sol.3.(b)



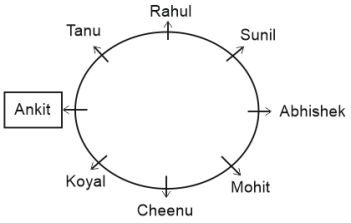
Sol.4.(a)



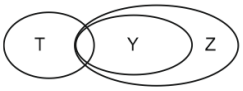
Sol.5.(b)



Sol.6.(c)

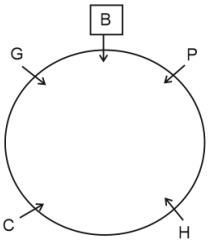


Sol.7.(c)



Only conclusion II follow.

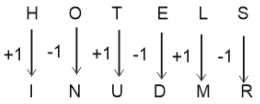
Sol.8.(b)



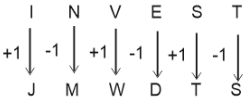
Sol.9.(d)



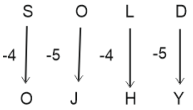
Sol.10.(d)



Similarly,



Sol.11.(d)

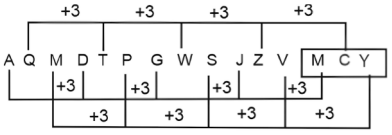


Similarly,



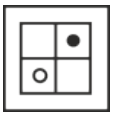
Sol.12.(b)
From the two dice the opposite faces are
3 ↔ 5 , 6 ↔ 4

Sol.13.(b)

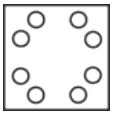


Sol.14.(b)
As Kashmir is called Paradise On Earth, Kullu is called Valleys Of God, similarly Darjeeling is called the City Of Hills.

Sol.15.(b)



Sol.16.(d)



Sol.17.(d)
Given :- 20 - 5 × 2 + 10 ÷ 4 = 14
After going through all the options, option d satisfies. After interchanging 4 and 5 we get
20 - 4 × 2 + 10 ÷ 5 ⇒ 20 - 8 + 2 = 14
L.H.S. = R.H.S.

Sol.18.(b) The correct order is :
Contempt(5)→ Contend(4)→ Content(2) → Contest(3) → Context(1)

Sol.19.(c)



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Sol.20.(a) Given :- 7 - 8 × 0 + 9 = 2
After going through all the options, option (a) satisfies. After interchanging 2 and 0 we get,
7 - 8 × 2 + 9 = 0
7 - 16 + 9 = 0 ⇒ 0 = 0
L.H.S. = R.H.S.

Sol.21.(d) Maharashtra topped the National Games 2023 medals tally with 228 medals – 80 gold, 69 silvers and 79 bronze – to win the Raja Bhalindra Singh Trophy, which is given to the team that wins the most number of gold medals at the National Games. Services Sports Control Board (SSCB) and Haryana finished second and third.

Sol.22.(a) Constitutional Body. The Election Commission of India is an autonomous constitutional authority responsible for administering Union and State election processes in India. It was formed on January 25, 1950, which is observed as National Voters' Day. Its headquarters are in New Delhi. Other constitutional bodies include the Comptroller and Auditor General of India (CAG), the Attorney General of India, and the Union Public Service Commission of India.

Sol.23.(d) Air Marshal Sadhna S Nair. Padma Bandhopadhyay is a former flight surgeon in the Indian Air Force. She was the first woman to be promoted to the rank of Air Marshal in the Indian Air Force.

Sol.24.(a) Ca. Newlands' Law of Octaves was applicable only up to calcium (Ca) because, after calcium, every eighth element did not have properties similar to the first element. John Alexander Newlands propounded the Law of Octaves in 1865. He arranged the elements in increasing order of their atomic weights and observed that every eighth element had properties similar to the first element.

Sol.25.(b) Article 20 - Protection in respect of conviction for offences. Article 20(1) - No person shall be convicted of any offence except for violation of a law in force at the time of the commission of the Act charged as an offence, nor be subjected to a penalty greater than that which might have been inflicted under the law in force at the time of the commission of the offence. Article 20(2) - No person shall be prosecuted and punished for the same offence more than once. Article 20(3) - No person accused of any offence shall be compelled to be a witness against himself.

Sol.26.(a) Bank Of Hindustan is now a defunct bank. It was established by the agency house of Alexander and Company and became defunct on March 31, 1832. Its headquarters were in Calcutta.

Sol.27.(b) 1000. According to the 2011 Census, the sex ratio at the all-India level was 943 females per 1,000 males. For rural and urban areas, the sex ratios were 949 and 929, respectively. Haryana has the lowest sex ratio among Indian states, at 879, while the union territory of Daman & Diu has the lowest sex ratio at 618. Kerala has the highest sex ratio among Indian states, at 1,084.

Sol.28.(b) Ishwar Chandra Vidyasagar, a social reformer and educationist, is considered the 'Father of Bengali prose.' The Hindu Widows' Remarriage Act, 1856 (also known as Act XV of 1856), enacted in July 1856, legalized the remarriage of Hindu widows in all jurisdictions of India under East India Company rule. The act was drafted by Lord Dalhousie and passed by Lord Canning before the Indian Rebellion of 1857.

Sol.29.(c) 2.1 percent. The first Five-Year Plan (1951-56) was based on the Harrod-Domar Model. The plan focused on agriculture, price stability, power, and transport. It was considered successful primarily due to good harvests in the last two years of the plan. The actual growth rate was 3.6%.

Sol.30.(b) Second Five-Year Plan (1956-1961), also called the Mahalanobis Plan after its chief architect, had a target growth rate of 4.5% and achieved an actual growth rate of 4.3%. The Third Five-Year Plan (1961-1966) aimed for a growth rate of 5.6% but achieved only 2.8%. Its goal was to make India a 'self-reliant' and 'self-generating' economy. The Fourth Five-Year Plan (1969-1974) focused on "growth with stability" and the "progressive achievement of self-reliance," with a target growth rate of 5.7% and an actual growth rate of 3.3%.

Sol.31.(b) 16.8 percent. The growth rate of population in the decade 2001-2011 was 17.7 %. The growth rate of population of the different religious communities in the same period was as Hindus: 16.8%; Muslim: 24.6%; Christian: 15.5%; Sikh: 8.4%; Buddhist: 6.1% and Jain: 5.4%.

Sol.32.(a) Sonal Mansingh is an Indian classical dancer and Guru in Bharatanatyam and Odissi dancing style. She received Padma Bhushan in 1992 and Padma Vibhushan in 2003.

Sol.33.(a) The Rudra veena is a large plucked string instrument used in Hindustani music, especially in dhrupad. Some notable Rudra veena players include Bande Ali Khan, Abid Hussain Khan, Rajab Ali Khan, Krishna Rao Kollapure, Wazir Khan, and Zia Mohiuddin Dagar.

Sol.34.(c) Freestyle wrestling is a more open form of the sport where competitors can use their legs and hold opponents above or below the waist. A typical freestyle wrestling bout is divided into two periods of three minutes each, with a 30-second break in between. Notable Indian wrestlers include Sushil Kumar, Bajrang Punia, Yogeshwar Dutt, KD Jadhav, Deepak Punia, and Vinesh Phogat.

Sol.35.(c) Neeraj Chopra (Track and field). Rani Rampal (Hockey) was the flag bearer for the closing ceremony of the 2018 Asian Games. Officially known as the 18th Asian Games, the event was held in Jakarta and Palembang, Indonesia. The motto was "Energy of Asia."

Sol.36.(a) Rice. Pongal is a harvest festival celebrated by the Tamil community to thank the Sun and Mother Nature. The festival shares its name with the dish made and eaten during the celebration, which is a mixture of boiled sweet rice. The word "Pongal" is derived from the Tamil word "pongu," which means "to boil over." Other harvest festivals include Lohri in Punjab, Onam in Kerala, Nuakhai in Odisha, Bisu Parba in Karnataka, and Gudi Padwa in Maharashtra.

Sol.37.(b) Kerala. Ottan Thullal (also known as Ottamthullal) is a recite-and-dance art form introduced in the eighteenth century by Kunchan Nambiar. Notable art forms of Kerala include Kathakali, Kalaripayattu, Thiruvathirakali, Kutiyattam, Theyyam, Mohiniyattam, Velakali, Patayani, Kolkali, Mudiyettu, Kummattikkali, and Oppana.

Sol.38.(b) Odisha. The Location Accessible Multi-modal Initiative (LAccMI) Scheme was launched with the aim of connecting all Gram Panchayats (GPs) with an integrated public transport system to enhance the service level

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benchmark of the bus transport system in Odisha. The BJP government has renamed the scheme as 'Mukhyamantri Bus Seva'.

Sol.39.(a) Pankaj Kumar Singh. The National Security Advisor (NSA) is the senior official on the National Security Council of India and serves as the chief advisor to the Prime Minister of India on national security policy and international affairs. Brajesh Mishra was the first NSA, and Ajit Doval is the current NSA as of August 2024.

Sol.40.(a) Mauryan. Chandragupta Maurya founded the Maurya dynasty after defeating Ghana Nanda. He was succeeded by his son, Bindusara, who was then succeeded by his son, Ashoka the Great. The last ruler of the Mauryan Empire was Brihadratha Maurya, who was assassinated by his commander-in-chief, Pushyamitra Shunga, who then established the Shunga Empire.

Sol.41.(d)

Given:- Perimeter = 84 m , area = 432 m^2
According to the question
⇒ perimeter of rectangle = 2(L+ B) = 84m
= (L + B) = 42 m .....equ.(1)
⇒ area of rectangle = L × B = 432m^2
⇒ $(L - B)^2 = (L + B)^2 - 4LB$
$= (42)^2 - 4 \times 432 = 1764 - 1728 = 36$
⇒ (L − B) = 6 ....equ.(2)
From equation (1) and (2)
L = 24, B = 18
Length of diagonal of rectangle
$= \sqrt{(24)^2 + (18)^2}$ = 30 m

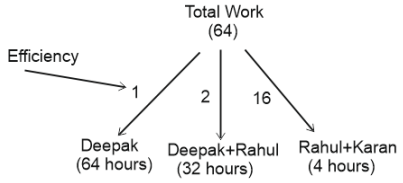
Sol.42.(b) According to the question
Interest earned in one year
= (3150 - 2700) = ₹450
Interest earned in two years = 450 × 2
= ₹900
Now, Principal = (2700 - 900) = ₹1800
Rate of interest = $\frac{450}{1800} \times 100 = 25\%$

Sol.43.(b) Given :-
$1440 \div 4 - 1555 \div 5 + 21 \times 3$
⇒ 360 − 311 + 63 ⇒ 423 − 311 = 112

Sol.44.(d) Final percentage decrease of number = $-18 - 50 + \frac{18 \times 50}{100}$
= −68 + 9 = - 59%
- ve sign denotes decrement

Sol.45.(b) According to the question
(15% + 30) = (60% - 15)
Then, Total marks = (60 − 15)%
= (30 + 15)
45% = 45 ⇒1% = 1 ⇒100% = 100
Passing mark of exam
$= 100 \times \frac{15}{100} + 30 = 45$

Sol.46.(c)

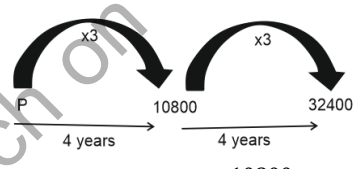


Efficiency of Rahul = 2 - 1 = 1 units
Efficiency of Karan = 16 - 1 = 15 units
Required time = $\frac{64}{15}$ hours

Sol.47.(c) Effective rate of 20% and 30% = 44%
Value of the discount
$= 800 \times \frac{44}{100}$ = Rs. 352

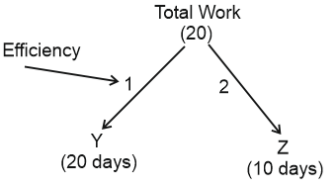
Sol.48.(c) According to the question
Initial weight of diamond = $9x$
Initial price of diamond = $(9x)^2 = 81x^2$
$\Rightarrow 81x^2 = 69660 \Rightarrow x^2 = \frac{69660}{81} = 860$
Price of diamond after breakage
$= (4x)^2 + (5x)^2 = 41x^2$
Loss incurred because of breakage
$= (81x^2 - 41x^2) = 40x^2$
$= 40 \times 860$ = Rs. 34400

Sol.49.(a)



So principal will be = $\frac{10800}{3}$ = Rs. 3600

Sol.50.(c)



Work done by Y and Z in 2 days
= (1 + 2) × 2 = 6 units
required% = $\frac{6}{20} \times 100 = 30\%$

Sol.51.(a)
$(\frac{143}{11} + \frac{225}{15} - \frac{39}{13}) \times (\frac{784}{56} + \frac{96}{24} - \frac{81}{27})$
$(13 + 15 - 3) \times (14 + 4 - 3)$
$(25) \times (15) = 375$

Sol.52.(d) Let the income of Manoj and Paras $12x$ and $7x$ respectively.
Difference between their income
= 12x - 7x = 5x
5x = 4000, x = 800
Total income of Manoj and Paras
$(12x + 7x) = 19 \times 800$ = Rs. 15200

Sol.53.(a) Let the relative speed of the trains = $2x$ m/s
Time = $\frac{distance}{speed}$
$29 = \frac{810 + 1220}{2x}$
$2x = \frac{2030}{29} = 70$ m/s
Speed of trains = $\frac{70}{2}$ = 35 m/s or $35 \times \frac{18}{5}$ = 126 km/h

Sol.54.(a)
SP of the table = $2400 \times \frac{65}{100}$ = Rs. 1560

Sol.55.(a) According to the question,
44 × CP = 24 × SP
$\frac{CP}{SP} = \frac{24}{44} = \frac{6}{11}$
Profit % = $\frac{11 - 6}{6} \times 100 = 83.3\%$

Sol.56.(c) Amount paid by Karan
$= 15000 \times \frac{6}{5} \times \frac{23}{20} \times \frac{3}{4}$ = Rs. 15525

Sol.57.(d)
Sum of 31 results = 31 × 204 = 6324
Sum of first 16 results = 16 × 219 = 3504
Sum of last 16 results = 16 × 185 = 2960
16th results = (3504 + 2960) - 6324 = 140
Alternative method : -
Average of 31 results = 204
Average of first 16 results = 219 **[+15]**
Average of last 16 results = 185 **[- 19]**
16th results
$= 204 + (16 \times 15 - 16 \times 19)$
$= 204 + 16\ (15 - 19) = 204 - 64 = 140$

Sol.58.(a) Divisibility rule of 11 = when the difference between the sum of odd and even places digit is equal to 0 or multiple of 11.
Sum of even place digits = 5 + 3 + 8 = 16
Sum of odd place digit = 4 + 6 + A=10 + A
Now, 16 - 10 - A = 0 ⇒ A = 6

Sol.59.(b) Required average
$= \frac{155 + 195 + 175}{3} = 175$

Sol.60.(d) $5852 \div 11 - 41 \times 3 + 57$
532 − 123 + 57 ⇒ 589 − 123 = 466

Sol.61.(a) an
Article 'an' is used before words beginning with vowel sound. For example:- an apple, an orange, an umbrella, etc. The word 'antique' begins with a vowel sound. Hence, 'an' is the most appropriate answer.

Sol.62.(a) bribe

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'Bribe' means to dishonestly persuade (someone) to act in one's favour by a gift of money. The given sentence states that changing his tactics he tried to bribe him and offered him money. Hence, 'bribe' is the most appropriate answer.

Sol.63.(d) Awakened- to stop sleeping.
Woke Up- awakened from sleep.
Moved- changed position or location.
Activated- made active or operational.
Challenged- faced with a difficult task or situation.

Sol.64.(a) She's handled her transition from reality TV star to the real world with grace and poise.
'Transition', 'grace' and 'poise' are the correct spellings.

Sol.65.(a) Subsequent- coming after something in time.
Antecedent- previous in time or order.
Lateral- relating to the side.
Previous- existing before in time.
Past- gone by in time.

Sol.66.(c) No error
The given sentence is grammatically correct.

Sol.67.(a) dense, map, direction
'Map' is used for direction. The given sentence states that in the midst of the dense forest, the hiker suddenly realized that he had lost his map and had no sense of direction. Hence, 'dense, map, direction' is the most appropriate answer.

Sol.68.(a) the spreading of fake news.
'Spreading' must be replaced with the noun 'spread' as we use article(the) for a noun. Hence, 'the spread of fake news' is the most appropriate answer.

Sol.69.(d)
Mad as a hatter- completely crazy.
E.g.- He sounded mad as a hatter when he started talking about his wild conspiracy theories.

Sol.70.(a) Jump on the bandwagon- to join an activity that has become very popular.
E.g.- She jumped on the bandwagon and started following the latest fitness trend like everyone else.

Sol.71.(a) anguesh
'Anguish' is the correct spelling.

Sol.72.(b) powerful people protectors, they has been
'Has been' must be replaced with 'are'. Simple present tense is used to state a scientific fact. The given sentence states a scientific fact about white blood cells. Hence, 'powerful people protectors, they are' is the most appropriate answer.

Sol.73.(a) No improvement
The given sentence is grammatically correct.

Sol.74.(c) raise
The phrase *raise one's voice* means to speak loudly because one is angry. In this sentence, a person is telling another person not to raise his voice at him. Hence, 'raise' is the most appropriate answer.

Sol.75.(a) sore
The phrase 'wore my head sore' means to think so hard that your head is hurting from the effort. The given sentence states that I thought till I wore my head sore, but I couldn't see any way out of the trouble. Hence, 'sore' is the most appropriate answer.

Sol.76.(c) reasons
The given passage states that we all travelled for different reasons. Further, the passage mentions some reasons. Hence, 'reasons' is the most appropriate answer.

Sol.77.(d) want
'Want' means a desire for something. The given passage mentions three reasons for travel- a want to experience a different culture, a desire to forget and a desire to meet new people. Hence, 'want' is the most appropriate answer.

Sol.78.(b) meet
The given passage mentions three reasons for travel- a want to experience a different culture, a desire to forget and a desire to meet new people. Hence, 'want' is the most appropriate answer.

Sol.79.(c) sense
'Sense' means a general understanding. The given passage states that traveling becomes a means for people to deal with different situations, try new things, and find their sense of self. Hence, 'sense' is the most appropriate answer.

Sol.80.(b) connect
'Connect' means to have a good relationship with others. The given passage states that it allows us to grow, learn, and connect. Hence, 'connect' is the most appropriate answer.

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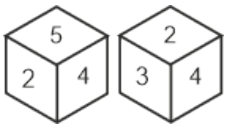
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SSC GD Constable
05/03/2024 (3rd Shift)

Reasoning

Q.1. In the following question, select the missing number from the given series
177, 145, 113, 81, 49, ?
(a) 24 (b) 30 (c) 17 (d) 20

Q.2. Two positions of a dice are given below. What will come on the face opposite to the face containing '5' on it?

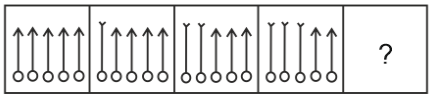


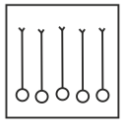
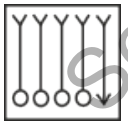
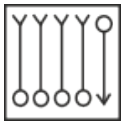
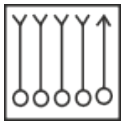
(a) 3 (b) 6 (c) 2 (d) 1

Q.3. In a certain code language, 'LOSS' is coded as 'OSVW'. What is the code for 'MANY' in that code language?
(a) PEQC (b) PEQD (c) PFQC (d) PERC

Q.4. Five friends P, B, C, G and H are sitting around a circular table facing towards the centre. B is sitting to the immediate left of C. G and H are not the immediate neighbour of C. H is sitting second to the right of P. Who is sitting on the immediate right of G?
(a) C (b) B (c) P (d) H

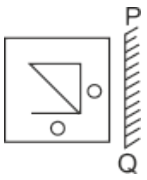
Q.5. Select the figure that will replace the question mark (?) in the following figure series.

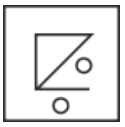
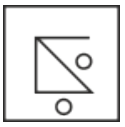
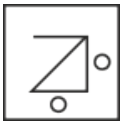
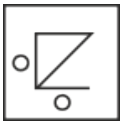


(a) 
(b) 
(c) 
(d) 

Q.6. By Interchanging the given two numbers which of the following equation will be not correct?
4 and 9
(a) 9 - 4 ÷ 3 + 1 = 2 (b) 4 - 9 + 8 =15
(c) 9 ×1- 4 + 6 = 1 (d) 8 + 4 × 3 - 9 = 31

Q.7. Select the correct mirror image of the given figure when the mirror PQ is placed to the right side of the figure



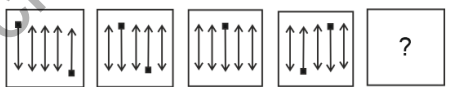
(a) 
(b) 
(c) 
(d) 

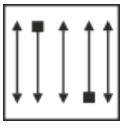
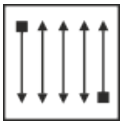
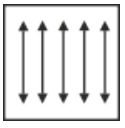
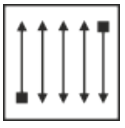
Q.8. A × B means A is the brother of B, A + B means A is the father of B. A - B means A is the sister of B and A ÷ B means A is the wife of B.
If P × Q ÷ H + D - B + M, then how is Q related to M ?
(a) Father's mother (b) Sister
(c) Mother's mother (d) Father's sister

Q.9. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster and the second letter cluster is related to the first letter cluster.
PIRATE : PEITRA :: SYSTEM : SMYEST :: PHYSIQUE : ?
(a) SYHPQIEU (b) PEHUYQSI
(c) YSPHUEIQ (d) UEIQPHYS

Q.10. In a certain code language, if COMPUTER is coded as 'DPNQVUFS' and KEYBOARD is coded as 'LFZCPBSE, then what will MOUSE be coded as ?
(a) NPVTF (b) NPTFV
(c) NPTVF (d) NVTPF

Q.11. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.12. Eight teachers Jatin , Abhi, Gopal, Heena, Ishaa, Rohit, Kajal and Leela are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Abhi is second to the left of Heena. Rohit is third to the right of Heena. Gopal is second to the right of Jatin. Rohit is second to the left of Jatin. Kajal is third to the left of Ishaa. Who is sitting to the immediate right of Gopal?
(a) Kajal (b) Jatin (c) Heena (d) Abhi

Q.13. In the following question below are given some statements followed by some conclusions based on those statements Taking the given statements to be true even if they seem to be at variance from commonly known acts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements :
I . No Brush is Bed.
II. Some Table are Brush.
Conclusions :
I. Some Table are not Bed.
II. All Bed are Table.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Neither conclusion follows
(d) Both conclusions I and II follows

Q.14. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
abb_ abbcabbcabbca__ bcabbca__ bc__ bbc
(a) aabb (b) cbba (c) abcd (d) cdba

Q.15. Arrange the given words in alphabetical order:
1. READ 2. RIDE 3. RINSE
4. REAL 5. RIGHT
(a) 1, 3, 2, 5, 4 (b) 3, 2, 1, 4, 5
(c) 1, 3, 2, 4, 5 (d) 1, 4, 2, 5, 3

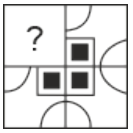
Q.16. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
NS, PK, HM, JE , ?
(a) BM (b) BS (c) BG (d) BC

Q.17. Which two numbers should be interchanged to make the given equation correct?
14 × 4 ÷ 6 + 5 - 8 = 3
(a) 3 and 5 (b) 3 and 4
(c) 8 and 4 (d) 4 and 6

Q.18. In the following question, select the related letter pair from the given alternatives.
YL : XI :: ?
(a) EI: DF (b) ZK: IT (c) FQ: AB (d) EC: RI

Q.19. Which of the following numbers will replace the question mark (?) in the given series?
71, ?, 80, 85, 89, 94
(a) 76 (b) 79 (c) 74 (d) 78

Q.20. Which answer figure will complete the pattern in the question figure? (rotation is NOT allowed)



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(a)  (b) 

(c)  (d) 

General Awareness

Q.21. According to Constitution of India a governor can be appointed_____
(a) for a single state at a time
(b) for not more than 2 states
(c) for two or more states
(d) only for a union territory

Q.22. Credit of invention of the Chess game goes to
(a) Iran (b) India (c) Japan (d) England

Q.23. Union Finance Minister Nirmala Sitharaman announced Atmanirbhar Clean Plant Programme with an outlay of _____to boost availability of disease-free and quality planting material for high value horticultural crops.
(a) Rs 500 crore (b) Rs 1000 crore
(c) Rs 100 crore (d) Rs 2,200 crore

Q.24. The period from the decline of the Mauryas to the rise of the Guptas (2nd century BCE to 3rd century CE) is known in Indian history as the _____ period
(a) Industrialization (b) Pre-British
(c) Post-Mauryan (d) Pre-Mauryan

Q.25. The first census of Independent India was conducted in 1951, which was the ____ census in its continuous series.
(a) sixth (b) seventh (c) fifth (d) eighth

Q.26. Which Five-Year Plan of India was known as the "Mahalanobis Plan"?
(a) Third Five-Year Plan
(b) First Five-Year Plan
(c) Fourth Five-Year Plan
(d) Second Five-Year Plan

Q.27. Which of the following statement is 'true' for 'dobereiner's triads"?
I. Triads were in order of atomic masses.
II. Atomic mass of middle element was roughly the average of atomic masses of other two elements.
(a) Only I (b) Both I and II
(c) Neither I nor II (d) Only II

Q.28. Which of the following has invented the musical instrument Bamhum and Tikzik ?
(a) Takar Nabam (b) Lily Adoryllene
(c) Lou Majaw (d) Moa Subong

Q.29. From which date, Indian Financial year begins?
(a) 31st March (b) 1st April
(c) 1st January (d) 1st March

Q.30. Which of the following sectors is the most labour absorbing sector of the economy?
(a) Industry (b) Agriculture
(c) Service (d) Banking

Q.31. Who won the ICC ODI World Cup 2011 ?
(a) Sri Lanka (b) India
(c) Australia (d) England

Q.32. What is the time period of the rolling plan during the five-year plan in India?
(a) 1971-73 (b) 1968-70
(c) 1978-80 (d) 1975-78

Q.33. In July 2023, who has been awarded the British Prime Minister's Points of Light award for volunteering several sustainability initiatives, including raising funds for children, since the age of three?
(a) Hanaya Nisar (b) Aadithya Suresh
(c) Anoushka Jolly (d) Moksha Roy

Q.34. Which Indian dancer won the Sangeet Natak Akademi Award for Manipuri Dance in 2018?
(a) Akham Lakshmi Devi
(b) Dr. Aruna Mohanty
(c) Gopika Varma
(d) Surupa Sen

Q.35. What does "LBW" stand for in cricket?
(a) Last Ball Wicket
(b) Leg Before Wicket
(c) Long Boundary Wicket
(d) Leg Break Wrist

Q.36. Which of the following is NOT one of the fundamental rights mentioned in the Indian Constitution?
(a) Right to exploitation
(b) Right to freedom of Religion
(c) Right to equality
(d) Right to constitutional remedies

Q.37. In which of the following states is the festival Vishu celebrated?
(a) Bihar (b) Madhya Pradesh
(c) West Bengal (d) Kerala

Q.38. Which of the following is a dance form of Assam?
(a) Ghoomar (b) Kathakali
(c) Bihu (d) Garba

Q.39. In January 2023, who has been appointed as the Director General in the Directorate of General of Civil Aviation (DGCA)?
(a) Vikram Dev Dutt
(b) Ajay Kumar Bhalla
(c) Pramod Kumar Misra
(d) Ajay Kumar Sood

Q.40. Most of Ashoka's inscriptions were in_____language and were written in the____ script
(a) Sanskrit, Brahmi (b) Prakrit, Brahmi
(c) Pali, Kharosthi (d) Sanskrit, Kharosthi

Quantitative Aptitude

Q.41. Alex invested $1500 in a savings bond with a simple interest rate of 6% per annum. How much interest will he receive after 4 years?
(a) $326 (b) $313 (c) $382 (d) $360

Q.42. If the loss incurred on selling an article is 38 percent, then what will be the ratio of its cost price and selling price
(a) 50 : 31 (b) 40 : 31
(c) 31 : 50 (d) 31 : 40

Q.43. The cost price of an article is 650. After allowing a discount of 45%, a gain of 10% was made. Find the marked price of the article.
(a) ₹ 1500 (b) ₹ 2400
(c) ₹ 1300 (d) ₹ 2000

Q.44. If an article is sold at a 10% loss after a discount of 20%, what is the original marked price as a percentage of the cost price?
(a) 110% (b) 125.5%
(c) 118.5% (d) 112.5%

Q.45. Simplify: 18 - (3/2) × (4 + 1).
(a) 16.4 (b) 11.5 (c) 10.5 (d) 12.4

Q.46. The average of b, c, d and e is 25. If the average of b and c is 11. then what will be the average of d and e?
(a) 38 (b) 39 (c) 36 (d) 35

Q.47. What is the value of 1008 - 40 × 20 ÷ 10 + 2 ?
(a) 926 (b) 936 (c) 930 (d) 940

Q.48. A person goes from Q to S at a speed of 45 km/hr. He comes back from S to Q at a certain speed. If his average speed is 36 km/hr, then what was his speed while moving from S towards Q?
(a) 24 km/hr (b) 45 km/hr
(c) 36 km/hr (d) 30 km/hr

Q.49. The price of an article is first decreased by 32% and then increased by 44%. If the resulting price is ₹ 489.6, then find the original price of the article.
(a) ₹450 (b) ₹600 (c) ₹75 (d) ₹500

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Q.50. Minto alone can make a table in 75 days while Pinto alone can make it in 150 days. Pinto started the work and worked for 30 days. In how many days Minto can finish the remaining work?
(a) 75 days (b) 60 days
(c) 70 days (d) 85 days

Q.51. If a person's salary is increased by 12%, what is the new salary if the original salary was Rs. 15,000?
(a) Rs. 16800 (b) Rs. 16500
(c) Rs. 16700 (d) Rs. 16200

Q.52. If total surface area of a cube is 726 cm², then what is the volume of cube?
(a) 729 cm³ (b) 1000 cm³
(c) 1331 cm³ (d) 1728 cm³

Q.53. A, B, and C can complete a piece of work in 16 days, 24 days, and 32 days respectively. How many days will all three take together to complete the work?
(a) $\frac{99}{4}$ days (b) $\frac{96}{13}$ days
(c) $\frac{17}{3}$ days (d) $\frac{35}{8}$ days

Q.54. What is the value of 91 × 7 + 49 × 13 - 42 ÷ 7 × 5 ?
(a) 1248 (b) 1244 (c) 1242 (d) 1252

Q.55. The compound interest (compounding annually) on a principal amount of Rs. 12,000 for 2 years is Rs. 4,320 more than the simple interest for the same period. Find the rate of interest per annum
(a) 68% (b) 60% (c) 72% (d) 55%

Q.56. What will be the ratio of the Least Common Multiple and Highest Common Factor of 22, 11 and 44 ?
(a) 8 : 1 (b) 6 : 1 (c) 2 : 1 (d) 4 : 1

Q.57. If g : h : j= 5 : 2 : 1, then what is the value of g : 2h : j ?
(a) 5 : 4 : 1 (b) 5 : 4 : 2
(c) 5 : 1 : 3 (d) 3 : 5 : 2

Q.58. If p : q = 1 : 3 and r: s = 2p : 3q, then what is the value of pr : qs ?
(a) 27 : 2 (b) 2 : 25 (c) 2 : 29 (d) 2 : 27

Q.59. Siraj earns a profit of 32% on selling price. Find the approximate profit percent on the cost price
(a) 47% (b) 51% (c) 45% (d) 49%

Q.60. In a dance competition 40 percent of the students were boy and the remaining were girls. If the average age of boys is 18 years and that of girls was 15 years. Find the average age of the students who attended the competition.
(a) 13.5 years (b) 15 years
(c) 14.8 years (d) 16.2 years

English

Q.61. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I don't mind trying to make your day as well as you make mine.
(a) I don't mind trying
(b) to make your day
(c) No error
(d) as well as you make mine

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Some of the flowers in my garden is not blooming properly.
(a) flowers in my garden
(b) No error
(c) Some of the
(d) is not blooming properly

Q.63. Select the incorrectly spelt word from the given sentence.
Leisure is esential to civilization, and in former times leisure for the few was only rendered possible by the labours of the many.
(a) esential (b) possible
(c) Leisure (d) rendered

Q.64. Select the most appropriate word to fill in the blank.
Others looked at the issue_____.
(a) difference (b) different
(c) differently (d) differential

Q.65. Fill in the blank with the most appropriate option.
He said he would split open a raw Irish potato and stick the quarter in _____ and keep it there all night.
(a) between (b) slice (c) gap (d) along

Q.66. Select the most appropriate option for the given blank
I am allergic _____ some medicines.
(a) with (b) to (c) of (d) on

Q.67. From the options given below choose the synonym (similar meaning) of the word:
Decapitate
(a) Behead (b) Feeble
(c) Invigorate (d) Affection

Q.68. Improve the underlined part of the sentence. Choose 'No improvement as an answer if the sentence is grammatically correct
They <u>had to cultivate crops</u> which the company asked them to do
(a) had to cultivates crops
(b) had cultivating crops
(c) No improvement
(d) cultivate cropping

Q.69. Select the sentence with no spelling errors.
(a) Just who is crazy enough to go when the pond across the street has a layer of ice across the top?
(b) Just who is crezy enough to go swimming when the pond across the street has a layer of ice across the top?
(c) Just who is crazy enough to go swiming when the pond across the street has a layer of ice across the top?
(d) Just who is crazy enough to go swimming when the pond across the streat has a layer of ice across the top?

Q.70. Select the most appropriate option for the given blank.
_____the flying bricks and bottles, the riot police kept calm.
(a) beside (b) about (c) amid (d) until

Q.71. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully
I had a **feeling that I was unable to speak due to sadness** as I watched the casket of the fallen soldier return home
(a) Lump in the throat
(b) In the dark
(c) Cut comers
(d) Tongue And Cheek

Q.72. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. The main driver of today's global warming were the combustion of fossil fuels.
(a) No error
(b) today's global warming were the
(c) The main driver of
(d) combustion of fossil fuels

Q.73. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To throw down the gauntlet
(a) To surrender
(b) To ignore without any reason
(c) To challenge somebody to do something
(d) To plead for mercy

Q.74. Choose the word that is opposite in meaning to the given word
Irritate
(a) Miff (b) Pester (c) Annoy (d) Pacify

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Q.75. Choose the most appropriate antonym of the underlined word.
We urge regulators to adopt a **pragmatic** and proportionate approach until a sustainable long-term solution can be reached.
(a) Idealistic (b) Practical
(c) Logical (d) Sober

Cloze Test :
Direction :- [Q.76. to Q.80.]
For all that I knew this (76) _____well, I (77)_____ felt as if it were not safe to let the coach-office be out of my sight (78)_____than five minutes at a time; and in this (79)_____ of unreason I had performed the first half-hour of a (80)_____ of four or five hours, when Wemmick ran against me.

Q.76. (a) doubtfully (b) perfectly
(c) closely (d) loosely

Q.77. (a) still (b) can
(c) sometime (d) some

Q.78. (a) bigger (b) larger
(c) shorter (d) longer

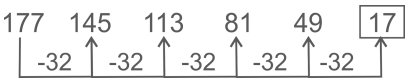
Q.79. (a) condition (b) stance
(c) glance (d) status

Q.80. (a) watch (b) clocking
(c) vision (d) sight

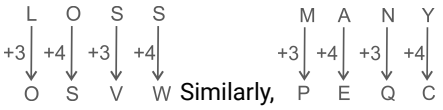
Answer Key :-

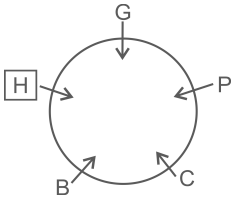
1.(c)	2.(a)	3.(a)	4.(d)
5.(d)	6.(b)	7.(d)	8.(a)
9.(b)	10.(a)	11.(d)	12.(c)
13.(a)	14.(b)	15.(d)	16.(c)
17.(b)	18.(a)	19.(a)	20.(d)
21.(c)	22.(b)	23.(d)	24.(c)
25.(b)	26.(d)	27.(b)	28.(d)
29.(b)	30.(b)	31.(b)	32.(c)
33.(d)	34.(a)	35.(b)	36.(a)
37.(d)	38.(c)	39.(a)	40.(b)
41.(d)	42.(a)	43.(c)	44.(d)
45.(c)	46.(b)	47.(c)	48.(d)
49.(d)	50.(b)	51.(a)	52.(c)
53.(b)	54.(b)	55.(b)	56.(d)
57.(a)	58.(d)	59.(a)	60.(d)
61.(d)	62.(d)	63.(a)	64.(c)
65.(a)	66.(b)	67.(a)	68.(c)
69.(a)	70.(c)	71.(a)	72.(b)
73.(c)	74.(d)	75.(a)	76.(b)
77.(a)	78.(d)	79.(a)	80.(a)

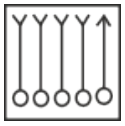
Solutions :-

Sol.1.(c)


Sol.2.(a) From the given two dice, 4 and 2 are common, therefore 3 is opposite to 5.

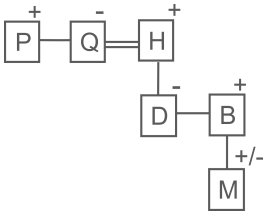
Sol.3.(a)


Sol.4.(d)


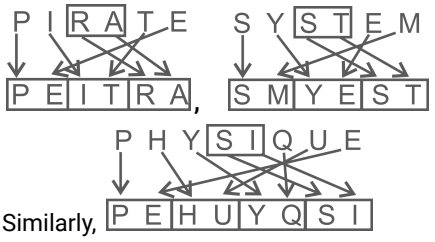
Sol.5.(d)


Sol.6.(b) On checking all the options one by one, and interchanging 4 and 9 in all the options, b is the only option which is not correct.
Then, 4 - 9 + 8 = 15
⇒ 9 - 4 + 8 = 15 ⇒ 13 ≠ 15 ⇒ LHS ≠ RHS

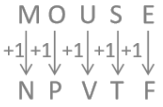
Sol.7.(d)

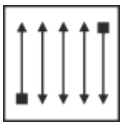

Sol.8.(a)


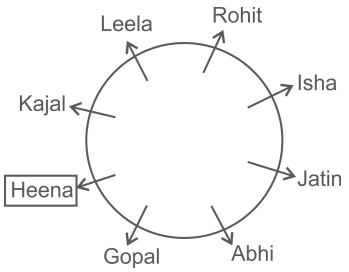
As we can see, Q is father's mother of M.

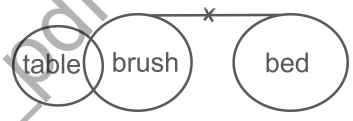
Sol.9.(b)


Sol.10.(a)

Sol.11.(d)


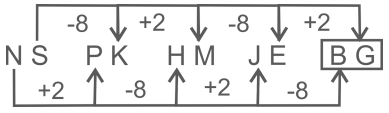
Sol.12.(c)


Sol.13.(a)


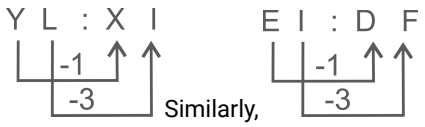
As we can see, only conclusion I follows.

Sol.14.(b) abb**c** / abbc / abbc / abbc / a**b**bc / abbc / a**b**bc / **a**bbc

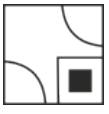
Sol.15.(d) The correct order is:
READ(1)→REAL(4)→RIDE(2)→RIGHT(5)→RINSE(3)

Sol.16.(c)


Sol.17.(b) Given: 14 × 4 ÷ 6 + 5 - 8 = 3
From all the given options, on interchanging 3 and 4, the given equation satisfies, therefore
⇒ 14 × 3 ÷ 6 + 5 - 8 = 4
⇒ 7 + 5 - 8 = 4 ⇒ 4 = 4 ⇒ LHS = RHS

Sol.18.(a)


Sol.19.(a)


Sol.20.(d)


Sol.21.(c) for two or more states. Under the 7th Constitutional Amendment Act of 1956, the same person can be appointed as governor for two or more states

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simultaneously. According to Article 153 of the Constitution, "There shall be a Governor for each State," but it also states, "Provided that nothing in this Article shall prevent the appointment of the same person as Governor for two or more States." Article 155 specifies that "The Governor of a State shall be appointed by the President."

Sol.22.(b) India. Countries and the games they are known for inventing: India- Ludo (Chausar), Kabaddi, Kho kho. England- football (soccer), cricket, rugby. United States- basketball. Canada- ice hockey.

Sol.23.(d) Rs 2.200 crore. Nirmala Sitharaman is an Indian economist, politician and serving as the Minister of Finance and Minister of Corporate Affairs of the Government of India since 2019. The budget is an integral part of the government's fiscal policy, detailing its receipts and expenditures for each financial year. Defined under Article 112 of the Indian Constitution, it is officially referred to as the Annual Financial Statement.

Sol.24.(c) Post - Mauryan. The Post - Mauryan period (2nd century BCE to 3rd century CE) followed the Mauryan Empire's decline, featuring regional kingdoms like the Shungas, Satavahanas, and Kushans. It saw significant cultural developments, trade expansion, and the spread of Buddhism and Jainism, paving the way for the rise of the Gupta Empire.

Sol.25.(b) Seventh. The first non-synchronized census in India was conducted in 1871 during the time of Lord Mayo. The first synchronized census in India took place in 1881. Since 1901, the census has been conducted every decade. The Census of 2011 was the 15th census and the 7th after independence. The slogan of Census 2011 was "Our Census, Our Future."

Sol.26.(d) The **Second Five - Year Plan** (1956-1961) focused on heavy industries and was influenced by the USSR model. This plan led to the development of major steel mills in Bhilai, Durgapur, and Rourkela and laid the groundwork for the Industrial Policy Resolution of 1956, boosting the public sector. The plan aimed for a growth rate of 4.50% but achieved 4.3%.

Sol.27.(b) Both I and II. Dobereiner's Law: Examples include calcium - strontium -barium, sulfur - selenium - tellurium, and chlorine - bromine - iodine, where elements in each triad have similar properties. Newland's Law of Octaves: This law states that every eighth element in the periodic table, when arranged by increasing atomic mass, exhibits similar properties to the first element in the sequence.

Sol.28.(d) Moa Subong won the Padma Shri award for 2023 for his innovative contributions to Naga folk music through science and technology-based methods. The BamHum is a medium-sized bamboo instrument resembling a flute.

Sol.29.(b) 1st April. A fiscal year is a 12-month period used for financial reporting and budgeting. In India, it runs from April 1st to March 31st of the following year and is also called the financial year. This period is used for calculating income tax, GST, and other taxes and duties.

Sol.30.(b) Agriculture is a critical sector in India, with almost 60 percent of the population dependent on it. The Indian economy comprises several sectors: primary (including mining, fishing, agriculture, and farming), secondary (such as construction and steel manufacturing), and tertiary (including banking, insurance, transportation, communication, IT services, consulting, government, tourism, retail, education, and social services).

Sol.31.(b) India (2nd title). The 2011 ICC Cricket World Cup, the tenth edition, was hosted by India, Sri Lanka, and Bangladesh. Sri Lanka were the runners-up, with Yuvraj Singh named Player of the Series. Tillakaratne Dilshan scored the most runs (500), while Shahid Afridi and Zaheer Khan took the most wickets (21 each). The 2023 ICC Men's Cricket World Cup, the 13th edition, is scheduled to be hosted by India, with Australia as the champions and India as the runners-up.

Sol.32.(c) 1978 - 80. The Rolling Plan (1978-80) introduced by the Janata Government focused on employment and criticized the Nehru Model for increasing inequality and poverty. However, the government lasted only two years, and in 1980, the Congress Government returned to power, launching a new Sixth Plan aimed at tackling poverty by fostering an expanding economy.

Sol.33.(d) Moksha Roy, a seven-year-old schoolgirl of Indian origin, has garnered global attention for her exceptional dedication to environmental sustainability. Hanaya Nisar, a 16-year-old from Jammu & Kashmir, Adithya Suresh, and Anoushka Jolly have all been awarded the Pradhan Mantri Rashtriya Bal Puraskar.

Sol.34.(a) Akham Lakshmi Devi. Manipuri dance is characterized by graceful movements, fluidity, and the use of intricate hand and eye gestures. Aruna Mohanty : Odissi dancer; Padma Shri (2017). Gopika Varma : Mohiniyattam dancer; Sangeet Natak Akademi Award (2018), Kerala Sangeetha Nataka Akademi Award (2008).

Sol.35.(b) Leg Before Wicket (LBW) is a way a batter can be dismissed in cricket. Other cricket terms include Wicket, Stump, Test cricket, Super Over, Pitch, Ball, and Ball tampering.

Sol.36.(a) Right to exploitation. The Constitution of India lists six fundamental rights in Articles 12–35 of Part III: Right to equality (Article 14–18), Right to freedom (Article 19–22), Right against exploitation (Article 23–24), Right to freedom of religion (Article 25–28), Cultural and educational rights (Article 29–30), Right to constitutional remedies (Article 32–35).

Sol.37.(d) Kerala. Vishu is a New Year celebration observed in the Malayalam month of Medam, which falls in April or May of the Gregorian calendar. It marks the beginning of the harvest year. Other Festivals of Kerala- Onam, Thrissur Pooram, Theyyam Festival, Attukal Pongala.

Sol.38.(c) Bihu. Assam celebrates three Bihu festivals: Bohag Bihu in the month of Bohag (Baisakh, mid-April), Magh Bihu in the month of Magh (mid-January), and Kati Bihu in the month of Kati (Kartik, mid-October). Ghoomar is a traditional dance from Rajasthan, while Kathakali is a classical dance form from Kerala.

Sol.39.(a) Vikram Dev Dutt. The Directorate General of Civil Aviation (DGCA) is a statutory body of the Government of India responsible for regulating civil aviation. It was established under the Aircraft Act, 1934, and was later reconstituted as a statutory body under the Aircraft (Amendment) Act, 2020. Its headquarters are in New Delhi.

Sol.40.(b) Prakrit, Brahmi. The Edicts of

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Ashoka are 33 inscriptions engraved on pillars, large stones, and cave walls by Ashoka the Great, the third Mauryan emperor of India. The inscriptions found in Pakistan are written in the Kharoshthi script. James Prinsep, a European scholar, was the first to decipher these edicts in 1837.

Sol.41.(d) interest = $\frac{1500 \times 6 \times 4}{100}$

= $ 360

Sol.42.(a) let cost price = 100 unit
Selling price = 100 - 38 = 62 unit
Ratio of C.P. and S.P. = 100 : 62 ⇒ 50 : 31

Sol.43.(c) according to question,

Selling price of article = 650 × $\frac{110}{100}$

= 715

Marked price of article = $\frac{715 \times 100}{55}$

= ₹1300

Sol.44.(d) $\frac{cost\ price}{marked\ price} = \frac{100 - D\%}{100 - L\%}$

$\frac{cost\ price}{marked\ price} = \frac{8}{9}$

% of the cost price = $\frac{9}{8}$ × 100 = 112.5%

Sol.45.(c) 18 - $(\frac{3}{2})$ × (4 + 1).

= 18 - $\frac{15}{2}$ ⇒ 18 - 7.5 = 10.5

Sol.46.(b) total sum of (b + c + d + e)
= 25 × 4 = 100
Total sum of (b + c) = 11 × 2 = 22
Hence, total sum of (d + e) = 100 - 22
= 78

Required average = $\frac{78}{2}$ = 39

Sol.47.(c) 1008 - 40 × 20 ÷ 10 + 2
= 1008 - 40 × 2 + 2 = 1010 - 80 = 930

Sol.48.(d) average speed = $\frac{2 \times s_1 \times s_2}{s_1 + s_2}$

36 = $\frac{2 \times 45 \times s_2}{45 + s_2}$ ⇒ 1620 + 36s_2 = 90s_2

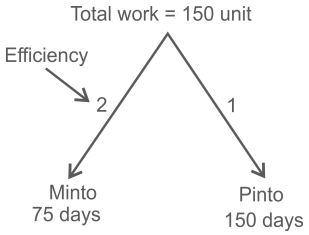
s_2 = $\frac{1620}{54}$ = 30 km/hr

Sol.49.(d) total change in price

= -32% + 44% - $\frac{32 \times 44}{100}$

= - 46.08% + 44% = - 2.08%
Let the original price = 100 unit
Resulting price = 100 - 2.08% = 97.92%
According to question,
97.92% = 489.6
1% = 5
Original price of article = 100% = ₹ 500

Sol.50.(b)



Worked done by pinto in 30 days = 30 × 1
= 30 unit

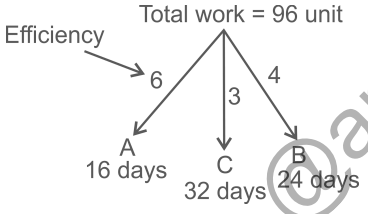
Remaining worked done by Minto = $\frac{120}{2}$

= 60 days

Sol.51.(a) new salary of person's
= $\frac{15000 \times 112}{100}$ = Rs.16800

Sol.52.(c) according to question,
$6a^2$ = 726 ⇒ a = 11 cm
Hence, volume of cube
= $a^3 = 11^3$ = 1331 cm^3

Sol.53.(b)



Time taken by all three to complete the work = $\frac{96}{6 + 3 + 4} = \frac{96}{13}$ days

Sol.54.(b) 91 × 7 + 49 × 13 - 42 ÷ 7 × 5
= 91 × 7 + 49 × 13 - 6 × 5
= 637 + 637 - 30 = 1244

Sol.55.(b) $(C.I. - S.I.)_{for\ 2\ year}$

= P × $(\frac{r}{100})^2$

4320 = 12000 ×$(\frac{r}{100})^2$

$(\frac{r}{100})^2 = \frac{4320}{12000} \Rightarrow r^2 = \frac{4320 \times 10000}{12000}$

r = $\sqrt{3600}$ ⇒ r = 60%

Sol.56.(d) L.C.M. of (22, 11, 44) = 44
H.C.F. of (22, 11, 44) = 11
$\frac{L.C.M}{H.C.F.} = \frac{44}{11}$ = 4 : 1

Sol.57.(a) if g : h : j= 5 : 2 : 1
Then , g : 2h : j = 5 : 2 × 2 : 1 = 5 : 4 : 1

Sol.58.(d) according to question,
$\frac{p}{q} = \frac{1}{3}$ and $\frac{r}{s} = \frac{2p}{3q}$

$\frac{r}{s} = \frac{2 \times 1}{3 \times 3} = \frac{2}{9}$

Therefore , $\frac{pr}{qs} = \frac{2}{9} \times \frac{1}{3} = \frac{2}{27}$

Hence required ratio = 2 : 27

Sol.59.(a) 32 % = $\frac{8}{25}$

Let the S.P. = 25 unit
Cost price = 25 - 8 = 17 unit

Profit % = $\frac{8}{17}$ × 100 = 47.05% ∽ 47%

Sol.60.(d) according to question,
Total age of boys = 18 × 40 = 720
Total age of girls = 15 × 60 = 900
Average age of student = $\frac{720 + 900}{100}$

= $\frac{1620}{100}$ = 16.2 years

Sol.61.(d) as well as you make mine
'As well as' must be replaced with 'as long as'. 'As long as' means on the condition that. The person has agreed to make someone's day better on the condition that the person makes his day better. Hence, 'as long as you make mine' is the most appropriate answer.

Sol.62.(d) is not blooming properly
'Some of the flowers' is a plural subject that will take the plural verb 'are'. Hence, 'are not blooming properly' is the most appropriate answer.

Sol.63.(a) esential
'Essential' is the correct spelling.

Sol.64.(c) differently
The given sentence needs an adverb to modify the verb 'issue'. Hence, 'differently' is the most appropriate answer.

Sol.65.(a) between
'In between' means between two items previously mentioned. Here, the two items are split potato pieces. The given sentence states that he said he would split open a raw Irish potato and stick the quarter in between and keep it there all night. Hence, 'between' is the most appropriate answer.

Sol.66.(b) to
'To' is the fixed preposition used after the word 'allergic'. Hence, 'to' is the most appropriate answer.

Sol.67.(a) Behead - cut off the head of (someone), especially as a form of execution.
Decapitate - to cut off the head of someone.
Feeble - weak or lacking strength.
Invigorate - to give strength or energy to.
Affection - a feeling of love or fondness.

Sol.68.(c) No improvement
The given sentence is grammatically correct.

Sol.69.(a) Just who is crazy enough to

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go swimming when the pond across the street has a layer of ice across the top?
'Crazy', 'swimming' and 'streat' are the correct spellings.

Sol.70.(c) amid
'Amid' means in the middle of. The given sentence states that the riot police kept calm amid the flying bricks and bottles. Hence, 'amid' is the most appropriate answer.

Sol.71.(a) Lump in the throat- feeling that you are unable to speak due to sadness.

Sol.72.(b) today's global warming were the
'Were' must be replaced with the singular verb 'is' of simple present tense as the word 'today' indicates something happening in the present. Hence, *today's global warming is the* is the most appropriate answer.

Sol.73.(c) To throw down the gauntlet- to challenge somebody to do something.
E.g.- She threw down the gauntlet by daring him to a debate on the issue.

Sol.74.(d) Pacify - to calm or soothe.
Irritate - to make someone annoyed or angry.
Miff - to offend slightly.
Pester - to bother repeatedly.
Annoy - to cause slight irritation.

Sol.75.(a) Idealistic - aiming for perfection, often unrealistic.
Pragmatic - practical and focused on results.
Practical - concerned with actual use or practice.
Logical - clear, sound reasoning.
Sober - serious and sensible.

Sol.76.(b) perfectly
'Perfectly' means extremely well. The given passage states that I knew this perfectly well. Hence, 'perfectly' is the most appropriate answer.

Sol.77.(a) still
'Still' means in spite of that. The given passage states that in spite of knowing this perfectly well, I felt as if it were not to let the coach-office be out of my sight. Hence, 'still' is the most appropriate answer.

Sol.78.(d) longer
We use 'than' with the comparative degree. 'Longer' is used for time. Hence, 'longer' is the most appropriate answer.

Sol.79.(a) condition
'Condition' means under certain circumstances. The given passage states that the person was in a condition of unreason. Hence, 'condition' is the most appropriate answer.

Sol.80.(a) watch
'Watch' means the act of keeping awake to guard or protect something. The given passage states that the person had performed the first half-hour of a watch of four or five hours. Hence, 'watch' is the most appropriate answer.

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SSC GD Constable
05/03/2024 (4th Shift)

Reasoning

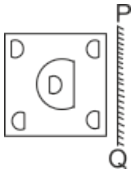
Q.1. In a certain code language, 'TOGETHER' is written as 'TOERGETH' and 'TOMORROW' is written as 'TOOWMORR'. How will 'BATHROOM' be written in that code language ?
(a) BAOTHROM (b) BAOMTHRO
(c) BAOMTRHO (d) BAMOTHRO

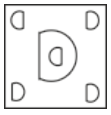
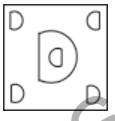
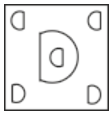
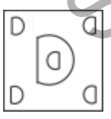
Q.2. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



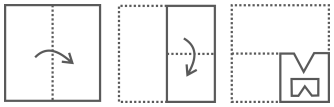
(a) 
(b) 
(c) 
(d) 

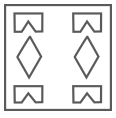
Q.3. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure ?



(a) 
(b) 
(c) 
(d) 

Q.4. A piece of paper is folded and punched as shown below in the question figures. From the given options figures, indicate how it will appear when opened?



(a) 
(b) 
(c) 
(d) 

Q.5. In a certain code language, 'DEFINITE' is written as 'EUJOJGFD', 'DRIZZLING' is written as 'GOJMAAJSD'. How will 'ATTACHED' be written in that code language ?
(a) BUUBDIFE (b) EFIDBUUB
(c) DFIDBUUA (d) AUUBDIFD

Q.6. In the following question, select the related letter-pair from the given alternatives.
ML : NO : : ?
(a) KX : SS (b) BN : WI
(c) GE : HH (d) OT : JO

Q.7. Which of the following numbers will come in place of question mark (?) in the given series ?
?, 37, 35, 27, 25, 17
(a) 40 (b) 38 (c) 42 (d) 45

Q.8. Six persons P1, P2, P3, P4, P5 and P6 are sitting around a circular table facing the center (but not necessarily in the same order). Only two persons sit between P2 and P6. P2 and P4 are immediate neighbors of P1. P5 sits immediate right of P3. P1 sits second to the right of P6. Who is sitting immediate right of P3 ?
(a) P3 (b) P2 (c) P4 (d) P5

Q.9. Which of the following letter-groups will complete the series given below when arranged sequentially from left to right ?
wwxxyywwx_yywwxxy_ww_xyywwxx_y
(a) xyxy (b) wxxy (c) xwxw (d) ywyy

Q.10. In the following question, select the related letters from the given alternatives.
BHL : DJN : OSW : ?
(a) AOB (b) QUY (c) ZUX (d) NOP

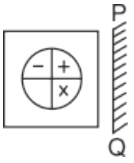
Q.11. Six persons X, Y, Z, P, Q and R are sitting in a circle facing the centre. X and Z are sitting exactly opposite to each other. Y, who sits immediately to the left of X who sits exactly opposite to P, R is not sitting next to X. Who is the immediate neighbor of both Y and Z ?
(a) X (b) Q (c) P (d) R

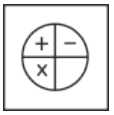
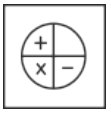
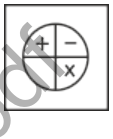
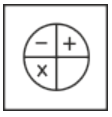
Q.12. Arrange the given words in the same order in which they appear in the English dictionary.
1. Construction 2. Constitution
3. Constant 4. Constable
5. Constrain
(a) 1, 3, 5, 2, 4 (b) 4, 3, 2, 1, 5
(c) 4, 3, 2, 5, 1 (d) 1, 3, 2, 5, 4

Q.13. Given below is a series with one term missing. Select the option from the given options that will complete the series.
TRS, UST, VTU, WUV, ?
(a) XVW (b) XYN (c) NRC (d) XMR

Q.14. From the following options, select the missing number from the given series.
1067, 1068, 1072, 1088, ?, 1408
(a) 491 (b) 1089 (c) 1100 (d) 1152

Q.15. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.



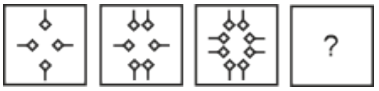
(a) 
(b) 
(c) 
(d) 

Q.16. By interchanging which two signs and two numbers (not digits) from the given options, will the following equation be correct ?
5 × 4 + 8 ÷ 2 - 7 = 35
(a) + and -, 4 and 7 (b) + and -, 4 and 2
(c) + and ÷, 5 and 7 (d) × and -, 4 and 2

Q.17. If 10 A 8 B 4 C 3 = 23 and 20 A 4 B 10 C 5 = 13, then 8 A 12 B 6 C 4 = ?
(a) 24 (b) 30 (c) 20 (d) 23

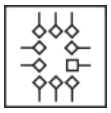
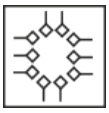
Q.18. In the following question some statements are given and some conclusions based on those statements are given. You have to consider the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and decide which of the given conclusions logically follows from the statements.
Statement :
I. No X is W.
II. Some Y are X.
Conclusion :
I. Some Y is not W.
II. All W are Y.
(a) No conclusion follows
(b) Both conclusions I and II follow
(c) Only conclusion I follows
(d) Only conclusion II follows

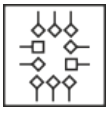
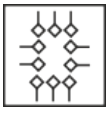
Q.19. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



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(a)  (b) 

(c)  (d) 

Q.20.
If 'M × N' means 'M is the father of N'.
If 'M + N' means 'M is the wife of N'.
If 'M ÷ N' means 'M is the son of N'.
If 'M - N' means 'M is the husband of N'.
In the expression 'T ÷ V + W × U', what is the relation of W to T ?
(a) father (b) father's father
(c) husband (d) daughter's husband

General Awareness

Q.21. Indian player Bhakti Sharma is related to which of the following sports ?
(a) squash (b) hockey
(c) swimming (d) cricket

Q.22. According to the 2011 census, which state of India has the highest population density ?
(a) Maharashtra (b) Tamil Nadu
(c) Odisha (d) Bihar

Q.23. Who was the founder of Brahmo Samaj ?
(a) Swami Vivekananda
(b) Ishwarchandra Vidyasagar
(c) Swami Dayanand Saraswati
(d) Raja Rammohan Roy

Q.24. Which of the following countries won the ICC Men's T20 World Cup 2022 ?
(a) England (b) Pakistan
(c) India (d) Australia

Q.25. According to which physical law, if the volume and number of molecules of a gas remain constant, then the pressure and temperature of the gas are inversely proportional ?
(a) Boyle's law (b) Avogadro's law
(c) Gay-Lussac's law (d) Charles's law

Q.26. Which of the following Indian states has launched Abua Awas Yojana 2023 ?
(a) Uttar Pradesh (b) Andhra Pradesh
(c) Jharkhand (d) Madhya Pradesh

Q.27. In cricket certain fielding restrictions during certain overs are known as _____.
(a) Power batting (b) power over
(c) power play (d) power pitch

Q.28. In the Indian subcontinent, settlement at Mehrgarh began about _____ years ago.
(a) 2000 (b) 6000 (c) 8000 (d) 4000

Q.29. In 1944 various industrialists came together and drafted a joint proposal to establish a planned economy in India. This is known as _____Plan.
(a) Pune (b) Bombay
(c) Agra (d) New Delhi

Q.30. 'Kuchipudi' classical dance style is related to which of the following states ?
(a) Andhra Pradesh (b) Tamil Nadu
(c) Assam (d) Uttar Pradesh

Q.31. Read the following statements regarding money supply.
A. In the modern economy, money includes cash and bank deposits.
B. They are created by two types of institutions: the central bank of the economy and the commercial banking system.
Identify the correct statement(s).
(a) Both A and B (b) Neither A nor B
(c) Only A (d) Only B

Q.32. Haddu Khan and Hassu Khan were considered great experts of which style ?
(a) Thumri (b) Khayal
(c) Tappa (d) Dhrupad

Q.33. Which of the following statements is correct regarding the Ninth Five Year Plan of India ?
I. This plan focused on development with social justice and equality.
II. The time period of the Ninth Five Year Plan was 1997–2002.
(a) only II (b) Neither I nor II
(c) only I (d) Both I and II

Q.34. _____ is the main festival of Karnataka, marking the Kannada New Year.
(a) Hampi (b) Ugadi
(c) Shri Vitappa (d) Basava Jayanti

Q.35. In the 2011 population census, the sex ratio in India is_____females per 1000 males.
(a) 899 (b) 890 (c) 943 (d) 1020

Q.36. As of October 2023, who is the second Deputy Chief Minister of Maharashtra ?
(a) Sharad Pawar (b) Eknath Shinde
(c) Aditya Thackeray (d) Ajit Pawar

Q.37. In which of the following years was the Bombay High Court of India established ?
(a) 1864 (b) 1861 (c) 1863 (d) 1862

Q.38. Bangladesh does not share a land border with which of the following ?
(a) Tripura (b) Sikkim
(c) Meghalaya (d) Mizoram

Q.39. In which year did India get its central bank ?
(a) 1937 (b) 1933 (c) 1935 (d) 1931

Q.40. In May 2023, Praveen Kumar Srivastava was sworn in as_____.
(a) Central Vigilance Commissioner
(b) Attorney General of India
(c) Chief Justice of India
(d) Deputy Prime Minister of India

Quantitative Aptitude

Q.41. An article is sold for Rs 2240 after two successive discounts of 30% and 50%. What is the marked price of the article ?
(a) Rs 6000 (b) Rs 6500
(c) Rs 6600 (d) Rs 6400

Q.42. Among three numbers, the average of the first number and the second number is 20 more than the average of the second number and the third number. What is the difference between the first and third numbers ?
(a) 40 (b) 37 (c) 38 (d) 44

Q.43. What is the value of $\frac{46}{7}$ of $\frac{21}{2}$ - $\frac{92}{14} \div \frac{23}{56}$?
(a) 53 (b) 23 (c) 43 (d) 13

Q.44. The average of 56 numbers is 72. If we add a number 'B' to each number, the average becomes 144. What is the value of B ?
(a) 81 (b) 72 (c) 79 (d) 76

Q.45. A person incurs a loss of 30 percent by selling 54 chairs for Rs 70. What should be the selling price of 54 chairs to earn a profit of 15 percent ?
(a) Rs 135 (b) Rs 115
(c) Rs 120 (d) Rs 140

Q.46. If Y can complete $\frac{3}{5}$ parts of a work in 60 days, then how many days will it take for Y to complete $\frac{1}{10}$ parts of the same work ?
(a) 15 days (b) 10 days
(c) 11 days (d) 12 days

Q.47. The selling price of one chair is Rs 7790. If the loss percentage is 18 percent, what is the cost price of the chair ?
(a) Rs 9000 (b) Rs 8800
(c) Rs 9500 (d) Rs 9200

Q.48. If G : H : J = 5 : 3 : 2 and J : K = 2 : 5, then what is the value of G : K ?

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(a) 1 : 1 (b) 1 : 2 (c) 3 : 1 (d) 2 : 1

Q.49. If a certain sum doubles itself in 11 years 6 months at simple interest, what will be the annual interest rate ?
(a) 9.68 percent (b) 8.69 percent
(c) 12.72 percent (d) 8.44 percent

Q.50. What is the value of
100 - 40 ÷ 5 × 2 + 2
(a) 82 (b) 84 (c) 78 (d) 86

Q.51. If 60% of a sum is 120, what is that sum ?
(a) 220 (b) 250 (c) 200 (d) 240

Q.52. If 27 men take 15 days to mow 225 hectares, how much time will 33 men take to mow 165 hectares ?
(a) 12 days (b) 14 days
(c) 9 days (d) 11 days

Q.53. Which of the following numbers is not divisible by 25 ?
(a) 5675 (b) 6275 (c) 1625 (d) 1885

Q.54. If the marked price of an item is Rs 3000 and the selling price is Rs 2400. What is the discount percentage ?
(a) 20 (b) 10 (c) 15 (d) 30

Q.55. Which of the following ratios is the smallest ?
A) 8 : 9 B) 2 : 5 C) 7 : 11
(a) Both A and C (b) A (c) B (d) C

Q.56. What is the value of
1.5 × 0.6 + 2.4 × 0.5 + 7.5 × 0.4 ?
(a) 4.1 (b) 6.1 (c) 5.1 (d) 7.1

Q.57. A train starts running 4 hours before its scheduled time and to reach its destination on time, which is 960 km away, the normal speed of the train has to be reduced by 40 km/hr. What is the normal speed of the train ?
(a) 150 km/hr (b) 120 km/hr
(c) 100 km/hr (d) 80 km/hr

Q.58. The initial price of a car is Rs 500000. The value of a car depreciates by 10 percent every year from its initial price. What will be its value after 3 years?
(a) Rs 378200 (b) Rs 354500
(c) Rs 454500 (d) Rs 364500

Q.59. If the length of a rectangle is increased by 11.11 percent, then by what percent should its width be decreased to keep the area unchanged ?
(a) 10 percent (b) 11.11 percent
(c) 9.09 percent (d) 20 percent

Q.60. What is the value of 15 percent of 110 and 50 percent of 125 ?
(a) 78 (b) 75 (c) 76 (d) 79

English

Q.61. Select the most appropriate word to fill in the blank.
Leave now; _____ you'll be late
(a) otherwise (b) unless (c) if (d) until

Q.62. Select the most appropriate word to fill in the blank.
A shiver of fear ran_____ me when the lights went out.
(a) about (b) through (c) to (d) above

Q.63. Select the sentence with no spelling errors.
(a) He made several excrusions in the tribal habitats there.
(b) He made several excursions in the tribal habetats there.
(c) He made several excursions in the tribal habitats there.
(d) He made several excursions in the tribel habitats there.

Q.64. Select the most appropriate word to fill in the blank.
I called your name wrong _____mistake.
(a) at (b) by (c) with (d) on

Q.65. Choose the most appropriate antonym of the underlined word,
I shirked duty in pursuit of a good sleep, incurring my mom's **wrath** this morning.
(a) Fury (b) Hate (c) Ease (d) Indolence

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I want you to enrol in the well college
(a) to enrol in (b) I want you
(c) the well college (d) No error

Q.67. Select the most appropriate antonym of the given word.
Seasonable
(a) Timeous (b) Kind
(c) Inappropriate (d) Towardly

Q.68. Select the most appropriate meaning of the given idiom
Go down like a lead balloon
(a) To be received badly by an audience
(b) To gamble everything you have
(c) Surrender
(d) Put yourself in a tough position in order to support someone/something

Q.69. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
Since you are so kind, /I would not run contrary/to your opinions.
(a) I would not run contrary
(b) Since you are so kind,
(c) to your opinions.
(d) No error

Q.70. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. I didn't knew that she was coming to your house.
(a) that she was
(b) coming to your house.
(c) I didn't knew
(d) No error

Q.71. Select the most appropriate option for the given blank.
Don't _____ your energy on random things, and try to focus.
(a) hold (b) kick (c) waste (d) haste

Q.72. Select the most appropriate synonym of the given word.
Circumstance
(a) Plan (b) Accident
(c) Whole (d) Superficial

Q.73. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To turn one's coat
(a) To sell old clothes
(b) A person who changes from one opinion to an opposite one
(c) To lose one's humanity
(d) To leave without informing

Q.74. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I don't think they knows what they're doing.
(a) No improvement (b) know what
(c) known what (d) had knew what

Q.75. Four words are given, out of which only one word is spelt correct. Choose the correct spelt word.
(a) SECRETERY (b) RECCOMMEND
(c) SIEZE (d) PUBLICLY

Cloze Test :
Direction :- [Q.76. to Q.80.]
Psychology is an exciting field and the history of psychology (76)_____the opportunity to make sense of how it has grown and (77)_____. The history of psychology also provides perspective. Rather than a dry collection of names and dates, the history of psychology tells us about the important intersection of time and place that (78)_____who we are. Consider what happens when you meet someone for the first time. The conversation usually begins with a (79)____ of questions such as, "Where did you grow up?" "How long have you lived

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here?" "Where did you go to school?" The importance of history in defining (80)_____ we are cannot be overstated.

Q.76. (a) offers (b) talks
(c) pieces (d) makes

Q.77. (a) developed (b) erupted
(c) juggled (d) solved

Q.78. (a) defines (b) mends
(c) conceals (d) transports

Q.79. (a) series (b) classes
(c) pairs (d) parts

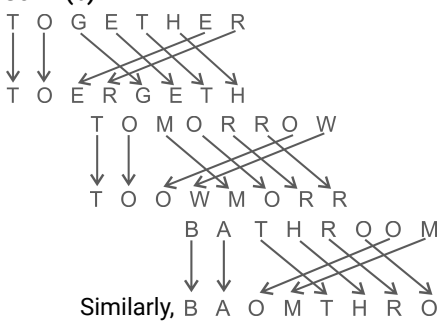
Q.80. (a) which (b) that
(c) whom (d) who

Answer Key :-

1.(b)	2.(b)	3.(b)	4.(c)
5.(c)	6.(c)	7.(d)	8.(d)
9.(a)	10.(b)	11.(d)	12.(c)
13.(a)	14.(d)	15.(a)	16.(a)
17.(c)	18.(c)	19.(d)	20.(a)
21.(c)	22.(d)	23.(d)	24.(a)
25.(c)	26.(c)	27.(c)	28.(c)
29.(b)	30.(a)	31.(a)	32.(b)
33.(d)	34.(b)	35.(c)	36.(d)
37.(d)	38.(b)	39.(c)	40.(a)
41.(d)	42.(a)	43.(a)	44.(b)
45.(b)	46.(b)	47.(c)	48.(a)
49.(b)	50.(d)	51.(c)	52.(c)
53.(d)	54.(a)	55.(c)	56.(c)
57.(b)	58.(d)	59.(a)	60.(d)
61.(a)	62.(b)	63.(c)	64.(b)
65.(c)	66.(c)	67.(c)	68.(a)
69.(a)	70.(c)	71.(c)	72.(b)
73.(b)	74.(b)	75.(d)	76.(a)
77.(a)	78.(a)	79.(a)	80.(d)

Solutions :-

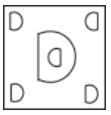
Sol.1.(b)



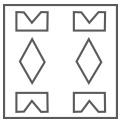
Sol.2.(b)



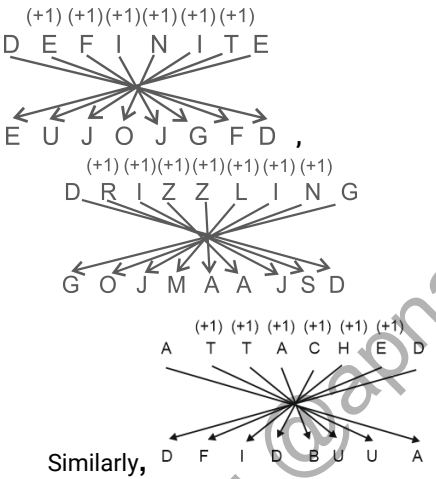
Sol.3.(b)



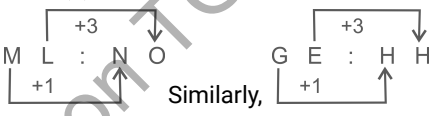
Sol.4.(c)



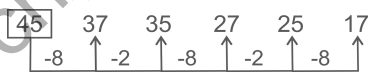
Sol.5.(c),



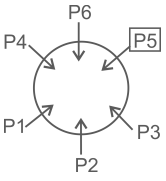
Sol.6.(c)



Sol.7.(d)



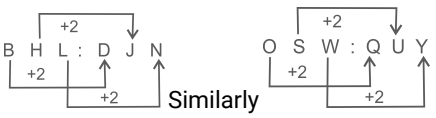
Sol.8.(d)



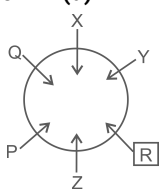
Sol.9.(a)

wwxxyy/wwx**x**yy/wwxxy**y**/ww**x**xyy/wwxx**y**y

Sol.10.(b),

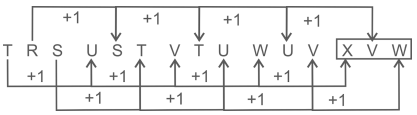


Sol.11.(d)

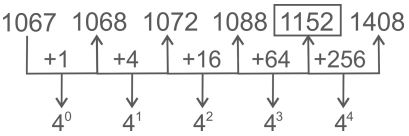


Sol.12.(c) The correct order is;
Constable(4) → Constant(3) → Constitution(2) → Constrain(5) → Construction(1).

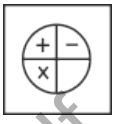
Sol.13.(a)



Sol.14.(d)



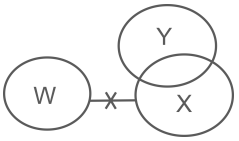
Sol.15.(a)



Sol.16.(a) Given : 5 × 4 + 8 ÷ 2 - 7 = 35
After checking all the options one by one , only option (a) satisfies. After interchanging + and -, 4 and 7 we get;
5 × 7 - 8 ÷ 2 + 4 = 35
35 - 4 + 4 = 35 ⇒ 35 = 35
LHS = RHS

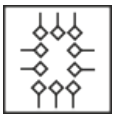
Sol.17.(c) Logic : Interchanging A, B, C with ×, ÷ and + respectively.
⇒ 10 A 8 B 4 C 3 = 23
10 × 8 ÷ 4 + 3 = 23
10 × 2 + 3 = 23 ⇒ 23 = 23
⇒ 20 A 4 B 10 C 5 = 13
20 × 4 ÷ 10 + 5 = 13
$20 \times \frac{2}{5} + 5 = 13 \Rightarrow 13 = 13$
Similarly,
⇒ 8 A 12 B 6 C 4
8 × 12 ÷ 6 + 4 = 20
8 × 2 + 4 = 20 ⇒ 20 = 20

Sol.18.(c)

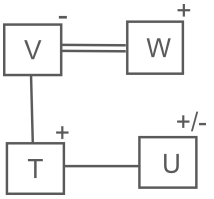


Only conclusion I follows

Sol.19.(d)



Sol.20.(a)



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Sol.21.(c) swimming. Bhakti Sharma is recognized as the youngest and first Asian woman to successfully swim in the icy waters of Antarctica. Other notable female sports personalities include: Swimming: Arati Saha, Poorva Shetye, Anita Sood, Preethi Srinivasan. Hockey: Monika Malik, Sushila Chanu, Rani Rampal, Savita Punia, Deep Grace Ekka. Squash: Dipika Pallikal, Joshna Chinappa. Cricket: Mithali Raj, Harmanpreet Kaur, Smriti Mandhana, Anjum Chopra, Punam Raut, Jhulan Goswami.

Sol.22.(d) Bihar. According to the 2011 Census of India, Bihar had a population density of 1,106 persons per square kilometer, making it the most densely populated state in India. Most populated Union territory: Delhi. Lowest Population Density: Arunachal Pradesh. Highest Population: Uttar Pradesh. Lowest Population: Sikkim. Highest Sex Ratio and Literacy Rate: Kerala. Lowest Sex Ratio: Haryana. Lowest Literacy Rate: Bihar.

Sol.23.(d) Raja Ram Mohan Roy. He is often called the "Father of Modern India" for his efforts in promoting social and religious reforms. Brahmo Samaj was established in 1828. Other famous personalities: Ishwar Chandra Vidyasagar: Prominent social reformer known for promoting education and widow remarriage. Swami Dayanand Saraswati: Founder of Arya Samaj, a different reform movement.

Sol.24.(a) England won the ICC Men's T20 World Cup 2022 by defeating Pakistan in the final. T20 World Cup Winners: 2007 - India, 2009 - Pakistan, 2010 - England, 2012 - West Indies, 2014 - Sri Lanka, 2016 - West Indies, 2021 - Australia, 2024 - India.

Sol.25.(c) Gay-Lussac's law. Boyle's law: At constant temperature, the pressure of a gas is inversely proportional to its volume. Avogadro's law: Equal volumes of gases at the same temperature and pressure have the same number of molecules. Charles's law: At constant pressure, the volume of a gas is directly proportional to its absolute temperature.

Sol.26.(c) Jharkhand. Under the Abua Awas Yojana, the state government provides financial assistance of up to ₹2 lakh to help poor and needy people build concrete houses. The aim of this scheme is to ensure that all homeless families have concrete houses with basic facilities by the year 2026. State Government Schemes: Vajpayee Arogyasri Yojana- Karnataka, Bhavantar Bhugtan Yojana- Madhya Pradesh, Mahatma Jyotiba Phule Jan Arogya Yojana- Maharashtra.

Sol.27.(c) Power play: In One Day Internationals (ODIs) and Twenty20 (T20) matches, these overs allow fewer fielders to be outside the 30-yard circle, providing a strategic advantage to the batting side.Other Cricket Terminologies- Follow-on: In Test matches, when a team forces the opponent to bat again immediately after their first innings, without the team having to bat in their second innings. Duckworth-Lewis Method: A calculation method used in rain-affected matches to determine revised target scores."

Sol.28.(c) 8000. Mehrgarh was likely one of the earliest sites where people learned to cultivate barley and wheat, and rear sheep and goats. Many animal bones, including those of wild animals like deer and pigs, as well as sheep and goats, were found at this site. Other discoveries at Mehrgarh include the remains of square or rectangular houses.

Sol.29.(b) Bombay. In 1944, a group of leading industrialists in India drafted a proposal for a planned economy, known as the Bombay Plan. The industrialists involved were J.R.D. Tata, G.D. Birla, Lala Shri Ram, Kasturbhai Lalbhai, Purushottamdas Thakurdas, Ardeshir Dalal, and John Mathai. They were assisted by economists A.D. Shroff and P.S. Lokanathan in creating the plan.

Sol.30.(a) Andhra Pradesh. Kuchipudi is known for its graceful movements, expressive gestures, and strong narrative component, often depicting stories from Indian epics such as the Ramayana and Mahabharata. Classical Dances of India: Bharatanatyam - Tamil Nadu, Kathak - North India, Kathakali - Kerala, Odissi - Odisha, Manipuri - Manipur, Mohiniyattam - Kerala, Sattriya - Assam.

Sol.31.(a) Both A and B. In the modern economy, the money supply includes both cash and bank deposits. Cash is issued by the central bank, while bank deposits are created by the commercial banking system when they provide loans. Together, the central banks and commercial banks are responsible for creating the money supply.

Sol.32.(b) Khayal. Haddu Khan and Hassu Khan were prominent musicians associated with the Gwalior gharana. other forms of Indian classical music and persons: Thumri - Begum Akhtar, Gauhar Jan, Shobha Gurtu and Prabha Atre. Dhrupad - Pandit Gokulotsavji Maharaj, Uday Bhawalkar, Gundecha Brothers .

Sol.33.(d) Both I and II. The Ninth Five-Year Plan (1997 - 2002) was implemented under the leadership of Atal Bihari Vajpayee. Its main focus was on "Growth with Social Justice and Equality." The plan was launched in the 50th year of India's independence. Although it aimed for a growth rate of 6.5%, the actual growth rate achieved was 5.4%.

Sol.34.(b) Ugadi. It, celebrated in March or April, marks the Kannada New Year in Karnataka with enthusiasm. Hampi is a historic site in Karnataka, and Basava Jayanti honors the 12th-century philosopher and poet Basavanna. Indian New Year festivals : Vishu (Kerala), Puthandu (Tamil Nadu), Pohela Boishakh (West Bengal), Baisakhi (Punjab and Haryana), Bihu (Assam).

Sol.35.(c) 943. The number of females per thousand males is referred to as sex ratio. It determines the productive potential, marital status, work force, migration pattern, growth of population and the socio-economic relationship. Census of India 2011: State with lowest sex ratio - Haryana (879), State with highest sex ratio - Kerala (1084).

Sol.36.(d) Ajit Pawar. As of August 2024, Eknath Shinde is the Chief Minister of Maharashtra, having replaced Uddhav Thackeray. Maharashtra: Legislative Assembly (288 seats), Lok Sabha (48 seats), Rajya Sabha (19 seats), State Flower (Jarul), State Bird (Yellow-footed green pigeon), State Tree (Mango tree).

Sol.37.(d) 1862. The Bombay High Court was established under the Indian High Courts Act of 1861, which was passed by the British Parliament. This Act allowed for the establishment of High Courts in the three Presidency towns of Calcutta, Madras, and Bombay. High Courts in India: Patna High Court (1916), Allahabad High Court (1866), Rajasthan High Court (1949), Himachal Pradesh High Court (1971), Telangana High Court (2019).

Sol.38.(b) Sikkim. The border between India and Bangladesh is known as the Radcliffe line. It is 4095 km long and

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Shares borders with five Indian states – West Bengal, Assam, Meghalaya, Tripura and Mizoram. West Bengal has the longest border with Bangladesh, while Assam has the shortest.

Sol.39.(c) 1935. The Reserve Bank of India, which serves as India's central bank, was established in 1935. Specifically, it came into existence on April 1, 1935, following the passage of the Reserve Bank of India Act in 1934. The first bank of India was the "Bank of Hindustan", established in 1770 and located in the then Indian capital, Calcutta.

Sol.40.(a) Central Vigilance Commissioner. The Central Vigilance Commission Act, 2003, provides for the appointment of a Central Vigilance Commissioner and two Vigilance Commissioners, who shall hold office for a tenure of four years or until the incumbent attains the age of 65 years, whichever is earlier.

Sol.41.(d)

Marked price = $2240 \times \frac{10}{7} \times \frac{2}{1}$

= Rs. 6400

Sol.42.(a) Let first , second and third number be x, y and z respectively,
According to the question,

$\frac{x+y}{2} = \frac{y+z}{2} + 20$

$\frac{x+y}{2} = \frac{y+z+40}{2}$

$x + y = y + z + 40$

$x - z = 40$

Hence, required difference = 40

Sol.43.(a) $\frac{46}{7}$ of $\frac{21}{2} - \frac{92}{14} \div \frac{23}{56}$

$= 23 \times 3 - \frac{92}{14} \div \frac{23}{56}$

$= 69 - \frac{92}{14} \times \frac{56}{23} \Rightarrow 69 - 4 \times 4 = 53$

Sol.44.(b)
Sum of 56 numbers = 56 × 72 = 4032
According to the question,
4032 + 56B = 56 × 144
56B = 8064 - 4032

$56B = 4032 \Rightarrow B = \frac{4032}{56} = 72$

Sol.45.(b) Cost price of 54 chairs

$= 70 \times \frac{100}{70}$ = Rs. 100

For the profit of 15% ,
Selling price of 54 chairs

$= 100 \times \frac{115}{100}$ = Rs. 115

Sol.46.(b) Time taken by Y to complete the whole work = $60 \times \frac{5}{3}$ = 100 days

So, time taken by Y to complete $\frac{1}{10}$th of the same work = $100 \times \frac{1}{10}$ = 10 days.

Sol.47.(c)

Cost price = $7790 \times \frac{100}{82}$ = Rs. 9500

Sol.48.(a)

G	:	H	:	J	:	k
5	:	3	:	2	:	**2**
2	:	**2**	:	2	:	5
10	:	6	:	4	:	10

So, G : K = 10 : 10 = 1 : 1

Sol.49.(b) Let principal = 100

Then, SI = 100 , time = $11\frac{1}{2} = \frac{23}{2}$ year

According to the question,

$100 = \frac{100 \times R \times \frac{23}{2}}{100}$

$R = \frac{100 \times 2}{23} = 8.69\%$

Sol.50.(d) 100 - 40 ÷ 5 × 2 + 2
= 100 - 8 × 2 + 2
= 100 - 16 + 2 = 86

Sol.51.(c)

Required amount = $\frac{120}{60} \times 100 = 200$

Sol.52.(c)

Formula used :- $\frac{M_1 D_1 H_1}{W_1} = \frac{M_2 D_2 H_2}{W_2}$

$\Rightarrow \frac{27 \times 15}{225} = \frac{33 \times x}{165} \Rightarrow x = 9$ days

Sol.53.(d) Divisibility of 25 :- last two digit of the number be divisible by 25
After checking all options one by one, only option (d) is satisfied.
1885 is not divisible by 25

Sol.54.(a) According to question,
Discount = 3000 - 2400 = 600

Discount % = $\frac{600}{3000} \times 100 = 20\%$

Sol.55.(c) $8 : 9 = \frac{8}{9} = 0.88$

$2 : 5 = \frac{2}{5} = 0.4$

$7 : 11 = \frac{7}{11} = 0.63$

So, least ratio is 2 : 5

Sol.56.(c)
$1.5 \times 0.6 + 2.4 \times 0.5 + 7.5 \times 0.4$
0.9 + 1.2 + 3 = 5.1

Sol.57.(b) Formula used :-

distance = $\frac{(x \times y)}{x - y}$ × (time difference)

Let normal speed of train = x km/h

$\Rightarrow 960 = \frac{x \times (x-40)}{40} \times (4)$

$\Rightarrow 960 = \frac{x^2 - 40x}{10}$

$\Rightarrow x^2 - 40x - 9600 = 0$

$\Rightarrow x^2 - 120x + 80x - 9600 = 0$

$\Rightarrow x(x - 120) + 80(x - 120) = 0$

$\Rightarrow (x - 120)(x + 80) = 0$

$\Rightarrow x = 120 , -80$

Speed can't be in (- ve)
Hence, required speed(x) = 120 km/h

Sol.58.(d) Required price

$= 500000 \times \frac{9}{10} \times \frac{9}{10} \times \frac{9}{10}$ = Rs.364500

Sol.59.(a) $11.11\% = \frac{1}{9}$

Area remains unchanged then,

Ratio -	initial	:	final
Length -	9	:	10
Width -	10	:	9

Hence, required % = $\frac{10-9}{10} \times 100 = 10\%$

Sol.60.(d) 15% of 110 + 50% of 125

$= 110 \times \frac{3}{20} + 125 \times \frac{1}{2}$

$= \frac{33 + 125}{2} = 79$

Sol.61.(a) otherwise
'Otherwise' is used to say that there will be some negative consequences if something doesn't happen. The given sentence states that if the person does not leave now, he will be late. Hence, 'otherwise' is the most appropriate answer.

Sol.62.(b) through
'Through' is used to indicate that something, such as a feeling or sensation is experienced by a person. The given sentence states that a shiver of fear ran through me when the lights went out. Hence, 'through' is the most appropriate answer.

Sol.63.(c) He made several excursions in the tribal habitats there.
'Excursions', 'tribal' and 'habitats' are the correct spellings.

Sol.64.(b) by
'By mistake/fault/chance' is the correct phrase. Hence, 'by' is the most appropriate answer.

Sol.65.(c) Wrath- extreme anger.
Fury- intense, violent anger.

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Hate- feel intense dislike for.
Ease- absence of difficulty.
Indolence- avoidance of activity.

Sol.66.(c) the well college
The given sentence needs an adjective to describe the noun 'college', not the adverb 'well'. Article 'the' is used before a superlative degree. Therefore, 'the well' must be replaced with 'the best'. Hence, 'the best college' is the most appropriate answer.

Sol.67.(c) Inappropriate- not suitable or proper in the circumstances.
Seasonable: suitable to the season or circumstances.
Timeous- done at the appropriate time.
Kind- having a friendly, generous, or considerate nature.
Towardly- showing readiness to do something.

Sol.68.(a) Go down like a lead balloon- to be received badly by an audience
E.g.- The comedian's joke about the local sports team went down like a lead balloon. The audience were silent and unimpressed.

Sol.69.(a) I would not run contrary
'Would' must be replaced with 'will'. We use 'would' to express the future of a past event whereas we use 'will' to express the future of a present event. Hence, 'I will not run contrary' is the most appropriate answer.

Sol.70.(c) I didn't knew
'Do/does/did' takes the first form of the verb. Hence, *I didn't know*(V_1) is the most appropriate answer.

Sol.71.(c) waste
The given sentence states that you should not waste your energy on random things. Hence, 'waste' is the most appropriate answer.

Sol.72.(b) Accident- an unplanned event or circumstance.
Circumstance- a fact or condition connected with an event.
Plan- a detailed proposal for doing or achieving something.
Whole- all of something.
Superficial- existing or occurring at the surface level.

Sol.73.(b) To turn one's coat- a person who changes from one opinion to an opposite one.
E.g.- He turned his coat when he realized the other political party was gaining more support.

Sol.74.(b) know what
'They' is a plural subject that will take the plural verb 'know'. Hence, 'know what' is the most appropriate answer.

Sol.75.(d) PUBLICLY
'Publicly' is the correct spelling.

Sol.76.(a) offers
'Offer' means to provide access or opportunity. The given passage states that the history of psychology offers the opportunity to make sense of how it has grown. Hence, 'offers' is the most appropriate answer.

Sol.77.(a) developed
'Develop' means to become more advanced. The given passage states that the history of psychology offers the opportunity to make sense of how it has grown and developed. Hence, 'developed' is the most appropriate answer.

Sol.78.(a) defines
'Define' means to determine the essential qualities. The given passage states that the history of psychology tells us about the important intersection of time and place that defines who we are. Hence, 'defines' is the most appropriate answer.

Sol.79.(a) series
'Series' means a number of related things. The given passage states that the conversation usually begins with a series of questions. Hence, 'series' is the most appropriate answer.

Sol.80.(d) who
'Who' is used for a person. In this sentence, 'who' has been used for the first person pronoun 'we'. Hence, 'who' is the most appropriate answer.

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SSC GD Constable
06/03/2024 (1st Shift)

Reasoning

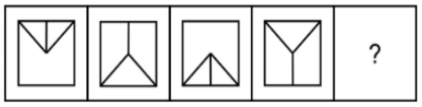
Q.1. Arrange the given words in alphabetical order:
1. EXOTIC 2. EXEMPLIFY 3. EXERCISE
4. EXHAUST 5. EXCHANGE
(a) 5, 3, 2, 4, 1 (b) 5, 4, 2, 3, 1
(c) 5, 2, 3, 4, 1 (d) 5, 2, 4, 1, 3

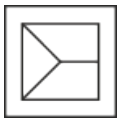
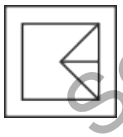
Q.2. In the following question, select the missing number from the given series.
1, 14, - 3, 16, - 7, ?
(a) 30 (b) 22 (c) 20 (d) 27

Q.3. If 10 * 14 @ 2 # 8 = 8 and 19 * 16 @ 4 # 5 = 15, then 30 * 19 @ 11 # 12 = ?
(a) - 30 (b) 0 (c) - 83 (d) - 10

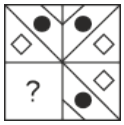
Q.4. In the following question, select the related letter pair from the given alternatives.
UYP : TXO :: ?
(a) COX : ZUZ (b) ACD : AEX
(c) FSH : ERG (d) UXT : BFU

Q.5. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 
(c)  (d) 

Q.6. Which answer figure will complete the pattern in the question figure? (rotation is not allowed)



(a)  (b) 
(c)  (d) 

Q.7. In the following question, select the missing number from the given series.
64, 32, 16, 8, 4, ?, 1
(a) 6 (b) 4 (c) 3 (d) 2

Q.8. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
ccdde_ffggcc_deeffggccdd_eff_g
(a) efgh (b) edeg (c) efcg (d) cdeg

Q.9. Select the option that is related to the third word in the same way as the second word is related to the first word.
Firefighter : Hose :: Gardener : ?
(a) Shovel (b) Net (c) Pen (d) Towel

Q.10. In a certain code language, "CASKM" is coded as '69271", "CHARM' is coded as '13576", "CIAOS' is coded as 74682". What can be the code for 'H' in that code language?
(a) 6 (b) 7 (c) 3 (d) 1

Q.11. Eight girls A, B, C, D, E, F, G and H are sitting around a circular table facing towards the centre (not necessarily in the same order). A is second to the left of D. D is third to the left of E. C is third to the right of G. G is not the immediate neighbour of E. H is third to the right of B. B is second to the right of G. Who is sitting on the immediate left of E?
(a) B (b) H (c) C (d) A

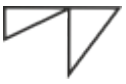
Q.12. Which two numbers should be interchanged to make the given equation correct ?
10 × 2 + 8 ÷ 5 - 4 = 14
(a) 8 and 10 (b) 2 and 4
(c) 10 and 14 (d) 2 and 5

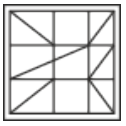
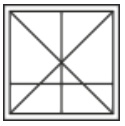
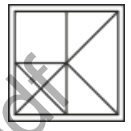
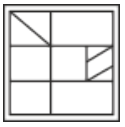
Q.13. In a certain code language, if ABROAD is coded as 'RBAQCF', COUPLE is coded as 'UOCRNG', then what will 'DECADE' be coded as?
(a) GFCDEC (b) DECGFC
(c) CEDCFG (d) GFCCED

Q.14. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion (s) logically follows the given statements.
Statements :
I. All C are V.
II. No C is B.
Conclusions :
I. All V are C.
II. All B are V.
(a) Neither conclusion follows
(b) Both conclusions I and II follows
(c) Only conclusion I follows
(d) Only conclusion II follows

Q.15. 'E × F' means 'E is the wife of F'
'E + F' means 'E is the brother of F'
'E ÷ F' means 'E is the sister of F'
'E - F' means 'E is the son of F'
How is S related to I in the expression 'S + H × I + J'?
(a) Father (b) Sister's husband
(c) Wife's brother (d) Brother

Q.16. From the given option figures, select the one in which the question figure is hidden / embedded. (rotation is NOT allowed)



(a)  (b) 
(c)  (d) 

Q.17. A paper is folded and cut as shown below. How will it appear when unfolded?

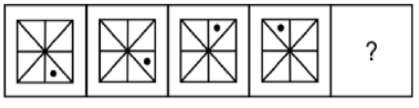


(a)  (b) 
(c)  (d) 

Q.18. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
NMR, SSZ, XYH, CEP, ?
(a) YMR (b) RQM (c) HXE (d) HKX

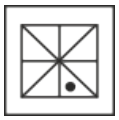
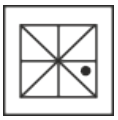
Q.19. Seven boys Lalit, Pawan, Nitin, Rohan, Tarun, Varun and Aman are sitting around a circular table facing towards the centre (not necessarily in the same order). Pawan is second to the left of Aman. Varun is third to the right of Pawan. Nitin is not the immediate neighbour of Pawan or Varun. Lalit is third to the right of Tarun. Who is sitting second to the left of Pawan?
(a) Nitin (b) Varun (c) Aman (d) Lalit

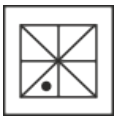
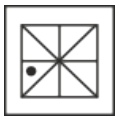
Q.20. Select the figure that will replace the question mark (?) in the following figure series.



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(a)  (b) 

(c)  (d) 

General Awareness

Q.21. According to the 2011 census of India, which of the following states has a total literacy rate of 91.3 percent?
(a) Manipur (b) Sikkim
(c) Mizoram (d) Kerala

Q.22. Who is known as the Prince of Patriots ?
(a) Bhagat Singh
(b) Subhas Chandra Bose
(c) Vallabhbhai Patel
(d) Rajendra Prasad

Q.23. Which Mauryan Indian emperor is renowned for his edicts and pillars ?
(a) Ashoka (b) Harsha
(c) Kanishka (d) Samudragupta

Q.24. As per National Geospatial Policy (NGP) 2022, online courses in geospatial science & technology areas are to be made available through iGoT _____ platform.
(a) Vigyaan (b) Saksharta
(c) Siksha (d) Karmayogi

Q.25. 'Amongmong Festival' is associated with which of the following states/UTs?
(a) Himachal Pradesh (b) Punjab
(c) Nagaland (d) Uttrakhand

Q.26. Executive power of an Indian State is vested in_____.
(a) Council of Ministers (b) Governor
(c) Prime Minister (d) Chief Minister

Q.27. Dr. Manmohan Singh was recently honored with a Lifetime Achievement Honour by which organization for his contributions to economic and political life?
(a) UK's Department for International Trade
(b) Oxford University
(c) United Nations
(d) India-UK Achievers Honours

Q.28. Which of the following folk dance is related to state of Maharashtra?
(a) Lezim (b) Munari
(c) Painka (d) Chhau

Q.29. Addition to the stock of capital of a firm is known as_____.
(a) investment (b) accumulation
(c) capital loss (d) capital gain

Q.30. Which government of India program provides 100 days of wage employment to households in rural areas to ensure livelihood security?
(a) Swarnajayanti Gram Swarozgar Yojana
(b) Mahatma Gandhi National Rural Employment Guarantee scheme
(c) Prime Minister Rozgar Yojana
(d) Pradhan Mantri Gramodaya Yojana

Q.31. How many players are there on a standard Kho Kho team during a match?
(a) 15 (b) 11 (c) 9 (d) 10

Q.32. At absolute zero (0 K or -273.15°C), the particles of matter:
(a) Move at the speed of light
(b) Vibrate in fixed positions
(c) Undergo fusion
(d) Stop moving

Q.33. Which Indian personality is known as the Mozart of Madras?
(a) K. J. Yesudas
(b) Kavita Krishnamurthy
(c) A.R Rahman
(d) Lata Mangeshkar

Q.34. Who among the following was well - known for their kathakali dancing?
(a) Bino Devi
(b) Pt. Gopal Prasad
(c) Madavoor Vasudevan Nair
(d) C.V. Chandrasekhar

Q.35. Which team won the Ranji Trophy 2022/23 ?
(a) Himachal Pradesh (b) Saurashtra
(c) Bengal (d) Mumbai

Q.36. According to _____ policy, instead of importing vehicles made in a foreign country, industries would be encouraged to produce them in India itself.
(a) import substitution
(b) Indian substitution
(c) export substitution
(d) ruralisation

Q.37. "Strive to minimize the inequalities in income" is mentioned under _____of Constitution of India.
(a) Directive Principles
(b) Fundamental Duties
(c) Fundamental Rights
(d) Not mentioned in Constitution

Q.38. The objective of the "Gadgil Formula," introduced during the Fourth Five Year Plan, was to allocate plan assistance to states based on their:
(a) Population and per capita income
(b) Area and literacy rate
(c) Agricultural production and exports
(d) Industrial output and trade balance

Q.39. Ayushmann Khurrana's association with UNICEF primarily aims to:
(a) Advocating for gender equality
(b) Advocate for wildlife conservation
(c) Support child rights and well-being
(d) Promoting women's right and well being

Q.40. Dipika Pallikal is a_____.
(a) squash player
(b) tennis player
(c) badminton player
(d) table tennis player

Quantitative Aptitude

Q.41. A person bought some pens at the rate of 14 for a rupee and sold them at the rate of 12 for a rupee. What is the profit percentage?
(a) 20 percent (b) 16.66 percent
(c) 10 percent (d) 25 percent

Q.42. What is the value of 8400 ÷ 21+ 42 × 5 - 410 ?
(a) 300 (b) 440 (c) 100 (d) 200

Q.43. A dealer sells two laptops at the rate of Rs. 10000 per laptop. On one he earns a profit of 40 percent and on the other he loses 40 percent. What is his profit /loss percentage in the whole transaction?
(a) 20 percent profit (b) 20 percent loss
(c) 16 percent profit (d) 16 percent loss

Q.44. The average weight of a group of 24 persons is 34 kg. The average weight of another group of 48 persons is K kg. If the average weight of all the 72 persons is 56 kg, then what is the value of K?
(a) 64 kg (b) 67 kg (c) 68 kg (d) 70 kg

Q.45. A sum of Rs. 2000 becomes Rs. 5920 when invested in a scheme of simple interest. If the annual rate of interest and the number of years for which the sum was invested are same, then what is the annual rate of interest?
(a) 16 percent (b) 17 percent
(c) 14 percent (d) 15 percent

Q.46. What is the value of
$\frac{42}{23} \times \frac{46}{7}$ of $\frac{28}{92} \div \frac{21}{69}$?
(a) 12 (b) 32 (c) 62 (d) 52

Q.47. If m - n = 11, and $m^2 + n^2 = 141$. Find the value of mn.
(a) 23 (b) 27 (c) 10 (d) 15

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Q.48. A shopkeeper allows a 25% discount on the marked price of an article and he suffers a loss of 10%. If the article is sold at the marked price, then find the profit percentage.
(a) 30% (b) 10% (c) 15% (d) 20%

Q.49. The ratio of income of Ramesh and Suresh are 3 : 4. The ratio of expenditure of Ramesh and Suresh is 2: 3 and each saves Rs 200. Find the income of Ramesh and Suresh.
(a) Rs. 700 and Rs. 800
(b) Rs. 600 and Rs. 800
(c) Rs. 800 and Rs. 500
(d) Rs. 750 and Rs. 400

Q.50. Two trains start running from stations C and D at same time. Both trains are running towards each other at speeds of 32 km/hr and 96 km/hr respectively. When they meet each other, then the second train had travelled 160 km more than the first. What is the distance between C and D?
(a) 280 km (b) 360 km
(c) 450 km (d) 320 km

Q.51. X and Y together can complete a work in 10 days. Y and Z together can complete the same work in 12.5 days. Z and X together can complete the same work in 50 days. In how many days can all the three complete the same work while working together?
(a) 12.5 days (b) 15 days
(c) 10 days (d) 20 days

Q.52. What is the smallest perfect square which is divisible by both 4 and 3?
(a) 36 (b) 49 (c) 16 (d) 25

Q.53. P and Q together can complete a work in 30 days. They started the work together but after 20 days P left the work. If the remaining work is completed by Q in 50 more days, then P alone can complete the entire work in how many days?
(a) 37.5 days (b) 170 days
(c) 100/3 days (d) 150 days

Q.54. Marks of two candidates J and K are the in ratio of 15 : 17. If the marks of J are 300, then what will be the marks of K ?
(a) 310 (b) 320 (c) 340 (d) 300

Q.55. What is the discount percentage offered on a book having marked price Rs. 3950 being sold at Rs. 3160?
(a) 15 percent (b) 25 percent
(c) 20 percent (d) 30 percent

Q.56. The average age of a family of four is 25 years. If the ages of three family members are 20, 22, and 28, what is the age of the fourth family member?
(a) 33 years (b) 30 years
(c) 27 years (d) 25 years

Q.57. The respective ratio of income and expenditure of Raman is 9 : 7. If his income is increased by 20 percent and expenditure is decreased by 70 percent, then what will be the new respective ratio of his income and expenditure?
(a) 35 : 7 (b) 36 : 7 (c) 7 : 36 (d) 7 : 35

Q.58. Rs. 9000 is lent at the annual rate of 20 percent for 2 years. Which of the following is statement(s) is/are correct?
I. Simple interest to be received on this sum is Rs. 3500.
II. Compound Interest (compounding annually) to be received on this sum is Rs. 3960.
(a) Only II (b) Only I
(c) Neither I nor II (d) Both I and II

Q.59. If 55 is subtracted from 65 percent of a number, then the result is 400. What is the value of the number?
(a) 500 (b) 800 (c) 600 (d) 700

Q.60. What is the curved surface area of a hemisphere whose radius is 21 cm?
(a) 2984 cm² (b) 2772 cm²
(c) 3296 cm² (d) 2542 cm²

English

Q.61. Find the part of the given sentence that has an error in it. If there is no error, choose "No error".
The Vice-President and the Chief Secretary is visiting our office today.
(a) the Chief Secretary is visiting
(b) our office today.
(c) The Vice-President and
(d) No error

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
A major concern is the decline in forest area in places that has good forest cover.
(a) A major concern is the decline
(b) No error
(c) that has good forest cover.
(d) in forest area in places

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
My cognitive process is far most distinct than her ideologies.
(a) No error
(b) My cognitive process is
(c) than her ideologies
(d) far most distinct

Q.64. Select the sentence with no spelling errors.
(a) There are many cases in which, by deviating from the strictly ethic code, you do not harm anyone, you only injure your own soul.
(b) There are many cases in which, by diviating from the strictly ethic code, you do not harm anyone, you only injure your own soul.
(c) There are many cases in which, by deviating from the strictly ethec code, you do not harm anyone, you only injure your own soul.
(d) There are many cases in which, by deviating from the strictly ethic code, you do not harm anyone, you only injure your own soule.

Q.65. Choose the most appropriate synonym of the underlined word.
Several religious organizations are involved in the effort to **facilitate** the settlement of the immigrants arriving in the area.
(a) Hinder (b) Demolish
(c) Ease (d) Retard

Q.66. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I have owning a scooter for a decade now.
(a) No improvement (b) have owned a
(c) has own a (d) have own an

Q.67. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The tree were blowing over in the storm.
(a) blew over (b) No improvement
(c) was blow over (d) blown over

Q.68. Choose the most appropriate antonym of the underlined word.
While he stood, in the clutch of his **adversary**, he still held his hand on his sword.
(a) Rival (b) Enemy (c) Helper (d) Foe

Q.69. Choose the most appropriate synonym of the underlined word.
State prosecutors allege that Salim took efforts to **hide** his actions from his legal staff.
(a) Conceal (b) Exposed
(c) Apparent (d) Bare

Q.70. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.

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It's such a small issue. People are unnecessarily making **something unimportant into a big deal.**
(a) Have second thoughts
(b) Raining cats and dogs
(c) A bull in a China shop
(d) Make a mountain out of a molehill

Q.71. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To stick one's neck out
(a) To take a risk
(b) To enjoy
(c) To resign
(d) To bring things to notice

Q.72. Choose the word that is opposite in meaning to the given word.
Anxious
(a) Inclined (b) Distressed
(c) Calm (d) Preoccupied

Q.73. Select the incorrectly spelt word from the given sentence.
Some people regard a fear of new things as an unmistakable sign of a provincial atitude.
(a) provincial (b) atitude
(c) Some (d) unmistakable

Q.74. Select the most appropriate option for the given blank.
We can't _____ restrictions on such matters.
(a) hold (b) advance
(c) impel (d) impose

Q.75. Fill in the blank with the most appropriate option.
She had not even a hope of being asked for it, because she was so successful in _____ that the idea would never occur to anyone.
(a) civilization (b) heritage
(c) culture (d) society

Cloze Test :
Direction :- [Q.76. to Q.80.]
The smog towers were (76) _____by the Centre under the orders of the Supreme Court of India (77) _____January 13, 2020 and are being monitored by the Union Ministry of Environment, Forest and Climate Change, the DPCC said. They (78)_____installed on an experimental basis and the results were not encouraging (79) _____the heavy expenditure.
If smog towers were to be used to reduce air pollution in Delhi by 17 per cent, at least 40,000 of them will be (80) _____ ,the affidavit stated.

Q.76. (a) fabricated (b) moulded
(c) installed (d) surmounted

Q.77. (a) on (b) over (c) at (d) in

Q.78. (a) were (b) is (c) been (d) had

Q.79. (a) considering (b) implying
(c) setting (d) manipulating

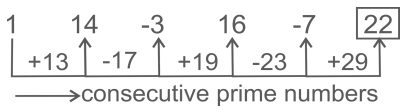
Q.80. (a) coerced (b) negated
(c) vexed (d) required

Answer Key :-

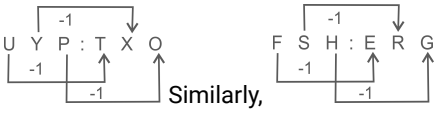
1.(c)	2.(b)	3.(c)	4.(c)
5.(b)	6.(a)	7.(d)	8.(b)
9.(a)	10.(c)	11.(c)	12.(a)
13.(c)	14.(a)	15.(c)	16.(a)
17.(b)	18.(d)	19.(a)	20.(d)
21.(c)	22.(b)	23.(a)	24.(d)
25.(c)	26.(b)	27.(d)	28.(a)
29.(a)	30.(b)	31.(c)	32.(d)
33.(c)	34.(c)	35.(b)	36.(a)
37.(a)	38.(a)	39.(c)	40.(a)
41.(b)	42.(d)	43.(d)	44.(b)
45.(c)	46.(a)	47.(c)	48.(d)
49.(b)	50.(d)	51.(c)	52.(a)
53.(a)	54.(c)	55.(c)	56.(b)
57.(b)	58.(a)	59.(d)	60.(b)
61.(a)	62.(c)	63.(d)	64.(a)
65.(c)	66.(b)	67.(a)	68.(c)
69.(a)	70.(d)	71.(a)	72.(c)
73.(b)	74.(d)	75.(d)	76.(c)
77.(a)	78.(a)	79.(a)	80.(d)

Solutions :-

Sol.1.(c) The correct order is;
EXCHANGE(5) → EXEMPLIFY(2) → EXERCISE(3) → EXHAUST(4) → EXOTIC(1).

Sol.2.(b)


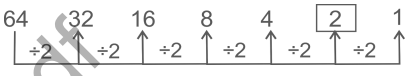
Sol.3.(c) Logic : Interchanging *, @ and # with +, - and ×.
⇒ 10 * 14 @ 2 # 8 = 8
⇒ 10 + 14 - 2 × 8 = 8
⇒ 24 - 16 = 8 ⇒ 8 = 8
And 19 * 16 @ 4 # 5 = 15
⇒ 19 + 16 - 4 × 5 = 15
⇒ 35 - 20 = 15 ⇒ 15 = 15
Similarly,
30 * 19 @ 11 # 12
⇒ 30 + 19 - 11 × 12 ⇒ 49 - 132 = - 83

Sol.4.(c)


Similarly,

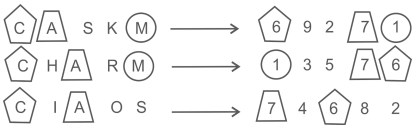
Sol.5.(b)


Sol.6.(a)

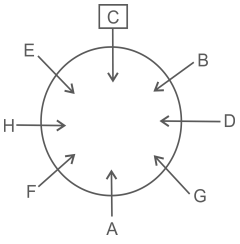

Sol.7.(d)


Sol.8.(b)
ccdde**e**ffgg/cc**d**deeffgg/ccdd**e**eff**g**g

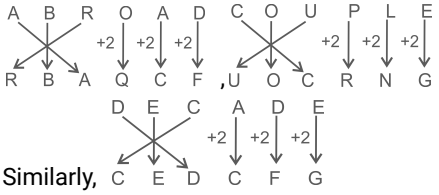
Sol.9.(a) As Hose is used by firefighters to extinguish fire.
Similarly, shovels are used by gardeners for digging.

Sol.10.(c)


Here, we can see H can be coded as 5 or 3.
and in the options, 3 is given.
Therefore, H is coded as 3.

Sol.11.(c)


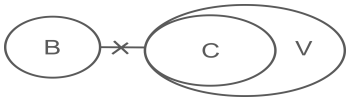
Sol.12.(a) Given: 10 × 2 + 8 ÷ 5 - 4 = 14
After going through all the options, option (a) satisfies. After interchanging 8 and 10, we get;
8 × 2 + 10 ÷ 5 - 4 = 14
16 + 2 - 4 = 14 ⇒ 14 = 14 ⇒ LHS = RHS

Sol.13.(c),


Similarly,

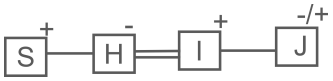
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Sol.14.(a)



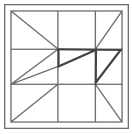
Neither conclusion follows

Sol.15.(c)



S is I's wife' brother.

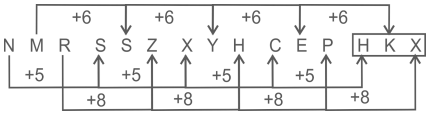
Sol.16.(a)



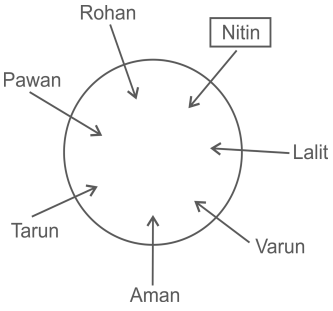
Sol.17.(b)



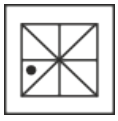
Sol.18.(d)



Sol.19.(a)



Sol.20.(d)



Sol.21.(c) Mizoram. According to the 2011 census of India: The top 5 highest literacy rate states are Kerala (94.00%) followed by Mizoram, Goa, Tripura, and Himachal Pradesh. The 5 states with lowest literacy rate are Bihar (63.82%) followed by Arunachal Pradesh, Rajasthan, Jharkhand and Andhra Pradesh.

Sol.22.(b) Subhas Chandra Bose. He formed 'Forward Bloc'. Famous slogans - 'Tum Mujhe Khoon Do, Main Tumhe Azadi Dunga', 'Delhi Chalo'. Subhas Chandra Bose was elected President of Haripura Congress Session (1938) and Tripuri Session (1939) but resigned from Tripuri Session due to differences with Gandhiji. 23rd January - 'Parakram Diwas' (Subhas Chandra Bose Jayanti).

Sol.23.(a) Ashoka. Major Rock Edicts of Ashoka: Rock Edict I - prohibits animal slaughter. Rock Edict II - describes Chola, Pandyas, Satyapur and Keralaputra Kingdom of South India. Rock Edict IV - Impact of Dhamma on society. Rock Edict VIII - Describes Asoka's first Dhamma Yatra to Bodhgaya and Bodhi Tree. Rock Edict XIII - Asoka's victory over Kalinga. This is the Largest Edict. It mentions Kamboj, Nabhaks, Bhoja, and Andhra.

Sol.24.(d) Karmayogi. National Geospatial Policy (NGP) 2022: A citizen-centric policy that liberalizes the geospatial sector and democratizes the datasets generated by the use of public funds. It aims to establish high-resolution topographical survey and mapping by 2030, along with a highly accurate Digital Elevation Model (DEM) for the nation. Geospatial technology is a collective term for tools that create datasets, like point clouds to map and analyze the earth.

Sol.25.(c) Nagaland. The Amongmong festival is celebrated by the Sangtam tribe of Nagaland. Other Festivals of Nagaland: Hornbill Festival, Sekrenyi, Tsukheneye, Aoleang, Naknyulem, Mimkut, Tokhu Emong, Tuluni.

Sol.26.(b) Governor. Article 154 : Executive power of State - (1) The executive power of the State shall be vested in the Governor and shall be exercised by him either directly or through officers subordinate to him in accordance with this Constitution. (2) Nothing in this article shall - (a) be deemed to transfer to the Governor any functions conferred by any existing law on any other authority; or (b) prevent Parliament or the Legislature of the State from conferring by law functions on any authority subordinate to the Governor.

Sol.27.(d) India - UK Achievers Honours. The India-UK Achievers Honours is given by NISAU UK, in partnership with the British Council in India and the UK's Department for International Trade (DIT).

Sol.28.(a) Lezim: The dance gets its name from the instrument, which is a wooden rod with metallic discs and jingling bells. Dancers use their hands to operate the instrument, and their movements and percussions create sounds. Folk dances of Maharashtra: Lavani, Tamasha, Koli Dance, Dhavari Dance, Powada.

Sol.29.(a) investment. A capital loss occurs when a capital asset is sold for a lower price than its original purchase price, resulting in a financial loss due to the asset's decrease in value. Capital gains are the profits that are realized by selling an investment, such as stocks, bonds, or real estate. Accumulation is the process of building up a position in an asset through multiple transactions.

Sol.30.(b) MGNREGA (Mahatma Gandhi National Rural Employment Guarantee Act) - It was passed in 2005, and came into force in 2006 by the Ministry of Rural development. NREGA was renamed MGNREGA in 2009. It guarantees the "right to work" to rural citizens of India.

Sol.31.(c) 9. Number of Players in Sports: Football (11), Cricket (11), Baseball (9), Basketball (5), Lacrosse (10), Ice Hockey (6), Handball (7), Kabaddi (7), Rugby Football (15), Volleyball (6), Water Polo (7) etc.

Sol.32.(d) Stop moving. The entropy of any pure crystalline substance approaches zero as the temperature approaches absolute zero. This is called the third law of thermodynamics. This is so because there is perfect order in a crystal at absolute zero. The statement is confined to pure crystalline solids because theoretical arguments and practical evidence have shown that entropy of solutions and supercooled liquids is not zero at 0 K.

Sol.33.(c) A.R Rahman. He got this nickname from Time Magazine. Awards: Padma Shri (2000), Padma Bhushan (2010), Six National Film Awards, Two Grammy Awards, A Golden Globe Award and fifteen Filmfare Awards. Other musicians and their nicknames : Lata Mangeshkar - "Queen of melody". Kishore Kumar - "Kishore Da". Usha Uthup - "The Queen of Indipop".

Sol.34.(c) Madavoor Vasudevan Nair. Awards - Padma Bhushan (2011). Bino Devi (Manipuri): Awards - Padma Shri (2022). Gopal Prasad Dubey (Chhau): Awards - Padma Shri (2012), Sangeet Natak Akademi Award 2016. C.V. Chandrasekhar (Bharatanatyam): Awards - Sangeet Natak Akademi Award (1993), Kalidas Samman (2008), Padma Bhushan (2011).

Sol.35.(b) Saurashtra. Ranji Trophy

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2022/23: Runners-up - Bengal, Participants - 38, Player of the series - Arpit Vasavada (Saurashtra), Most runs - Mayank Agarwal (Karnataka) (990), Most wickets - Jalaj Saxena (Kerala) (50).

Sol.36.(a) import substitution. Import substitution is a trade policy strategy that involves replacing imported goods with domestically produced goods to reduce a country's reliance on foreign products and support local industries. Export substitution is a trade and economic policy aiming to speed up the industrialization process of a country by exporting goods for which the nation has a comparative advantage.

Sol.37.(a) Directive Principles. Article 38 : State to secure a social order for the promotion of welfare of the people -- (1) The State shall strive to promote the welfare of the people by securing and protecting as effectively as it may a social order in which justice, (social, economic, and political) shall inform all the institutions of the national life. (2) The State shall, in particular, strive to minimise the inequalities in income, and endeavour to eliminate inequalities in status, facilities and opportunities, not only amongst individuals but also amongst groups of people residing in different areas or engaged in different vocations.

Sol.38.(a) Population and per capita income. Fourth Five-Year Plan (1969 - 1974): The plan adopted the objective of correcting the earlier trend of increased concentration of wealth and economic power. It was based on the Gadgil formula focusing on growth with stability and progress towards self reliance. The Indira Gandhi government nationalised 14 major Indian banks and Green Revolution in India advanced agriculture.

Sol.39.(c) Support child rights and well-being. UNICEF (United Nations International Children's Emergency Fund): Founder - Ludwik Rajchman and United Nations General Assembly , Headquarters - New York City, New York, U.S. UNICEF India appointed Ayushmann Khurrana as a National Ambassador.

Sol.40.(a) squash player. The World Squash Federation (WSF): Headquarters - Hastings (UK); Establishment - 1967. Other Indian Squash Players: Saurav Ghosal, Joshna Chinappa, Ritwick Bhattacharya, Anahat Singh and Abhay Singh.

Sol.41.(b) CP of 1 pen = $\frac{1}{14}$

SP of 1 pen = $\frac{1}{12}$

Profit % = $\frac{\frac{1}{12}-\frac{1}{14}}{\frac{1}{14}} \times 100$

= $\frac{\frac{7-6}{84}}{\frac{1}{14}} \times 100 = \frac{14}{84} \times 100 = 16.66\%$

Alternate method :-

CP for pen → ₹ 1 : 14) × 6 = ₹ 6

SP for pen → ₹ 1 : 12) × 7 = ₹ 7

Now,

Profit % = $\frac{7-6}{6} \times 100 = 16.66\ \%$

Sol.42.(d) 8400 ÷ 21+ 42 × 5 - 410

= 400 + 210 - 410 = 610 - 410 = 200

Sol.43.(d) Ratio - CP : SP

1st laptop - 5 : 7 **) × 3**

2nd laptop - 5 : 3 **) × 7**

CP of both laptops = (5 × 3) + (5 × 7) = 50 units

SP of both laptops = (7 × 3) + (3 × 7)

= 42 units

loss% = $\frac{50-42}{50} \times 100 = 16\%$

Sol.44.(b) Sum of 24 person's weight

= 24 × 34 = 816 kg

Sum of 72 person's weight = 72 × 56

= 4032 kg

Sum of 48 person's weight = 4032 - 816

= 3216 kg

Value of K = $\frac{3216}{48}$ = 67 kg

Alternate method :-

Average of 24 persons = 34

Average of 48 persons = k

Average of total 72 persons = 56

Value of K = 56 + $\frac{(56-34)\times 24}{48}$ = 67 kg

Sol.45.(c) According to the question,

Let the time and ra

SI = $\frac{p \times r \times t}{100}$

SI = 5920 - 2000 = 3920

3920 = $\frac{2000 \times a^2}{100} \Rightarrow a^2 = 196$, a = 14

So the rate will be 14%

Sol.46.(a) $\frac{42}{23} \times \frac{46}{7}$ of $\frac{28}{92} \div \frac{21}{69}$

= $\frac{42}{23} \times 2 \div \frac{21}{69} = \frac{42}{23} \times 2 \times \frac{69}{21} = 12$

Sol.47.(c)

m - n = 11 (on squaring both sides)

$(m-n)^2 = (11)^2$

$m^2 + n^2 - 2mn = 121$

141 - 2mn = 121

2mn = 141 - 121 = 20 ⇒ mn = 10

Sol.48.(d)

Let the MP of the article = 100 units

So the SP will be = 100 × $\frac{75}{100}$ = 75 units

CP = 75 × $\frac{10}{9}$ = $\frac{750}{9}$ units

Profit % = $\frac{100-\frac{750}{9}}{\frac{750}{9}} \times 100$

= $\frac{150 \times 9}{9 \times 750} \times 100 = 20\%$

Sol.49.(b) Ratio - Ramesh : Suresh

Income - 3 : 4

Expenditure - 2 : 3

Savings - 1 : 1 (when savings ratio is equal then)

1 units = 200 Rs

Ramesh's income (3 units) = $\frac{200}{1} \times 3$

= Rs. 600

Suresh's income (4 units) = $\frac{200}{1} \times 4$

= Rs. 800

Sol.50.(d) According to question,

Speed ∝ Distance

Ratio of speed → 32 : 96 or 1 : 3

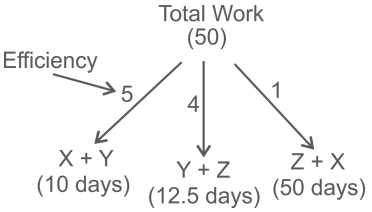
Ratio of distance → 1 : 3

So,

2 units = 160

4 units = $\frac{160}{2} \times 4 = 320$ km

Sol.51.(c)



Efficiency of 2(X + Y + Z) = 5 + 4 + 1

Efficiency of (X + Y + Z) = $\frac{10}{2}$ = 5 units

Required time = $\frac{50}{5}$ = 10 days

Sol.52.(a) Divisibility rule of 4 = last 2 digits of the number is divisible by 4

Divisibility rule of 3 = sum of digits is divisible by 3

By checking option one by one option (a) satisfies the condition.

Sol.53.(a)

On comparison to the remaining work.

P × 10 = Q × 40

$\frac{P}{Q} = \frac{4}{1}$

Total work = 30(4 + 1) = 150 units

Time taken by P to complete the whole work = $\frac{150}{4}$ = 37.5 days

Alternate method : -

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(P + Q) × 30 = (P + Q) × 20 + 50Q
30P + 30Q = 20P + 20Q + 50Q
10P = 40Q
$\frac{P}{Q} = \frac{4}{1}$
Total work = 30(4 + 1) = 150 units
Time taken by P to complete the whole work = $\frac{150}{4}$ = 37.5 days

Sol.54.(c) According to the question,
(J's marks) 15 units = 300
1 units = 20
(K's marks) 17 units = 20 × 17 = 340

Sol.55.(c) Required discount%
= $\frac{3950 - 3160}{3950}$ × 100 = 20%

Sol.56.(b)
Sum of the age of 4 members of the family = 25 × 4 = 100 years
Sum of the age of 3 members of the family = 20 + 22 + 28 = 70 years
Age of 4th member of the family
= 100 - 70 = 30 years

Sol.57.(b) Ratio → income : expenditure
Before → 9 : 7
After → 10.8 : 2.1
New ratio of income and expenditure
= 10.8 : 2.1 = 36 : 7

Sol.58.(a)
(I) SI = $\frac{9000 \times 20 \times 2}{100}$
= 3600 ≠ 3500 (false)
(II) Amount = 9000 × $\frac{6}{5} \times \frac{6}{5}$ = 12960
CI = 12960 - 9000 = 3960 (true)
Only statement (II) is correct.

Sol.59.(d) Let the number be x
$x \times \frac{65}{100}$ - 55 = 400
$\frac{65x}{100}$ = 455 ⇒ x = 700

Sol.60.(b) CSA of hemisphere = $2\pi r^2$
= 2 × $\frac{22}{7}$ × 21 × 21 = 2772 cm²

Sol.61.(a) the Chief Secretary is visiting
Here, article 'the' is used before both designations. This means they are two different persons, making the subject plural. A plural subject takes a plural verb. Hence, 'the Chief Secretary' is the most appropriate answer.

Sol.62.(c) that has good forest cover.
The verb after the relative pronoun(that) is used according to the antecedent. 'Places' is a plural antecedent that will take the plural verb 'have'. Hence, 'that have good forest cover' is the most appropriate answer.

Sol.63.(d) far most distinct
'Most' must be replaced with 'more' as we use 'than' with a comparative degree. Hence, 'far more distinct' is the most appropriate answer.

Sol.64.(a) There are many cases in which, by deviating from the strictly ethic code, you do not harm anyone, you only injure your own soul.
'Deviating', 'ethic' and 'soul' are the correct spellings.

Sol.65.(c) Ease - to make less difficult or uncomfortable.
Facilitate - to make an action or process easier.
Hinder - to create difficulties for someone or something, resulting in delay or obstruction.
Demolish - to destroy or ruin something completely.
Retard - to slow down or delay the progress of something.

Sol.66.(b) have owned a
'Has/have/had' takes the third form of the verb. 'Owned' is the third form of 'own'. Hence, 'have owned a' is the most appropriate answer.

Sol.67.(a) blew over
'Blew over' is the past form of 'blow over' and indicates simple past tense. Hence, 'blew over' is the most appropriate answer.

Sol.68.(c) Helper
Adversary - an opponent or enemy.
Rival - a competitor or opponent.
Enemy - a person who is actively opposed or hostile to someone or something.
Foe - an enemy or opponent.

Sol.69.(a) Conceal - to keep something out of sight.
Hide - to put out of sight.
Exposed - made visible or uncovered.
Apparent - clearly visible or obvious.
Bare - lacking covering or clothing.

Sol.70.(d) Make a mountain out of a molehill - something unimportant into a big deal.

Sol.71.(a) To stick one's neck out - to take a risk.
E.g.- He stuck his neck out by supporting the controversial policy despite knowing it could cost him his job.

Sol.72.(c) Calm - not showing or feeling anxiety.
Anxious - worried or nervous about something.
Inclined - having a tendency or preference for something.
Distressed - experiencing anxiety, sorrow, or pain.
Preoccupied - thinking or worrying about something too much.

Sol.73.(b) atitude
'Attitude' is the correct spelling.

Sol.74.(d) impose
'Impose' means to officially force a rule, tax, punishment, etc. to be obeyed. The given sentence states that we can't impose restrictions on such matters. Hence, 'impose' is the most appropriate answer.

Sol.75.(d) society
The given sentence states that she was so successful in society that the idea would never occur to anyone. Hence, 'society' is the most appropriate answer.

Sol.76.(c) installed
'Installed' means to put furniture, a machine, or a piece of equipment into position and make it ready to use. The given passage states that the smog towers were installed by the Centre. Hence, 'installed' is the most appropriate answer.

Sol.77.(a) on
'On' is used for a specific day. January 13, 2020 is a specific day. Hence, 'on' is the most appropriate answer.

Sol.78.(a) were
The given sentence is in the past tense, so it must have the verb in the past form. 'They' is a plural subject that will take a plural verb. Hence, 'were' is the most appropriate answer.

Sol.79.(a) considering
'Considering' means in view of. The given passage states that the results were not encouraging, considering the heavy expenditure. Hence, 'considering' is the most appropriate answer.

Sol.80.(d) required
'Required' means needed. The given passage states that at least 40,000 of them will be required. Hence, 'required' is the most appropriate answer.

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SSC GD Constable 06/03/2024 (2nd Shift)

Reasoning

Q.1. Arrange the given words in alphabetical order:
1. CARROT 2. CUCUMBER 3. CELERY
4. CABBAGE 5. CAULIFLOWER
(a) 4, 1, 5, 3, 2 (b) 4, 1, 5, 2, 3
(c) 4, 1, 3, 5, 2 (d) 4, 5, 1, 3, 2

Q.2. In a certain code language, 'DOMKE' is coded as '96702', 'KAOBF' is coded as '73849', 'FAMD' is coded as '4063', What can be the code for 'M' in that code language ?
(a) 9 (b) 6 (c) 7 (d) 2

Q.3. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements :
I. Some L are G. II. All T are G.
Conclusions :
I. No T is L. II. No G is T.
(a) Both conclusions I and II follows
(b) Only conclusion I follows
(c) Neither conclusion follows
(d) Only conclusion II follows

Q.4. If 100 @ 55 # 65 * 13 = 160 and 145 @ 90 # 180 * 3 = 295, then 58 @ 63 # 90 * 15 = ?
(a) 130 (b) 143 (c) 135 (d) 127

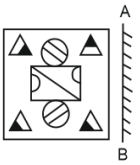
Q.5. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened?

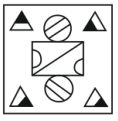


(a) 
(b) 
(c) 
(d) 

Q.6. In the following question, select the missing number from the given series.
376, 373, 382, 355, 436, ?
(a) 195 (b) 190 (c) 200 (d) 193

Q.7. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure ?



(a) 
(b) 
(c) 
(d) 

Q.8. Eight teachers Jatin, Abhi, Gopal, Heena, Isha, Rohit, Kajal and Leela are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Abhi is second to the left of Heena. Rohit is third to the right of Heena. Gopal is second to the right of Jatin. Rohit is second to the left of Jatin. Kajal is third to the left of Ishaa. Who is sitting to the immediate left of Abhi ?
(a) Gopal (b) Ishaa (c) Jatin (d) Leela

Q.9. Five friends P, B, C, G and H are sitting around a circular table facing towards the centre. B is sitting to the immediate left of C. G and H are not the immediate neighbour of C. H is sitting second to the right of P. Who is sitting on the immediate left of P ?
(a) G (b) C (c) H (d) B

Q.10. In a certain code language, 'COULD' is coded as '67095', 'CROWN' is coded as '85317', 'DOUBT' is coded as '26450". What can be the code for 'D' in that code language ?
(a) 4 (b) 5 (c) 2 (d) 6

Q.11. In the following question, select the related letter pair from the given alternatives
GT : HV : : ?
(a) LL : NA (b) FF : AB
(c) DQ : ES (d) YK : TT

Q.12. By interchanging the given two signs which of the following equation will be correct ?
÷ and +
(a) 76 ÷ 4 × 2 - 90 + 3 = 54
(b) 8 + 5 × 5 ÷ 4 - 6 = 8
(c) 8 + 4 × 5 ÷ 2 - 6 = 18
(d) 9 × 18 + 27 ÷ 36 - 45 = - 4

Q.13. In the following question, select the missing number from the given series.
4000, 2000, 1000, 500, ?, 125
(a) 275 (b) 100 (c) 300 (d) 250

Q.14. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

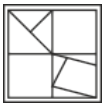
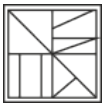
Q.15. Which of the following letter will replace the question mark (?) in the given series ?
R, O, L, I, F, ?
(a) C (b) B (c) E (d) D

Q.16. A is the mother of B. B is the sister of C. C is the father of D. D is the brother of E. E is the husband of F. F is the sister of G. How is C related to F ?
(a) Mother (b) Sister
(c) Father (d) Husband's father

Q.17. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
sstttt_ussttt_uusstttu_sstttuussttt_uusstttuu
(a) ttut (b) stst (c) utut (d) uusu

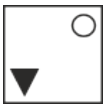
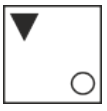
Q.18. From the given option figures, select the one in which the question figure is hidden embedded. (rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.19. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

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Q.20. In the following question, select the related letters from the given alternatives.
YZM : MZY : : FKU : ?
(a) UKF (b) MNO (c) KMF (d) OPK

General Awareness

Q.21. Which feature of the Indian Constitution reflects the idea that the powers of government are divided among the executive, legislative, and judicial branches to prevent the concentration of power ?
(a) Sovereign
(b) Separation of powers
(c) Parliamentary system
(d) Federalism

Q.22. Who was the teacher of Chandragupta Maurya of the Maurya Empire ?
(a) Megasthenes (b) Kautilya
(c) Harshavardhana (d) Kanishka

Q.23. Which of the following statements is correct regarding the Pradhan Mantri Vishwakarma scheme ?
I. Pradhan Mantri Vishwakarma scheme is a central sector scheme.
II. The scheme covers artisans and craftspeople engaged in and 18 trades.
(a) Neither I nor II (b) Both I and II
(c) Only I (d) Only II

Q.24. When something accelerates along a circular path,_____keeps it going in the circle
(a) Friction (b) Centripetal force
(c) Elastic force (d) Velocity

Q.25. Of the following, which is Kumudini Lakhia most famous dancing style ?
(a) Kathak (b) Kuchipudi
(c) Sattriya (d) Bharatnatyam

Q.26. This legendary Indian classical flautist is known for his mastery of the bansuri (bamboo flute) and his mesmerizing performances. Who is he ?
(a) Zakir Hussain
(b) Shiv Kumar Sharma
(c) Hariprasad Chaurasia
(d) Ravi Shankar

Q.27. In shotput, for male athletes, the metal ball weights____Kg.
(a) 6.16 (b) 8.16 (c) 9.12 (d) 7.26

Q.28. In the context of a government budget, what does the term "fiscal deficit" represent ?
(a) The surplus funds available for public spending
(b) The total government debt
(c) The difference between government revenue and government expenditure
(d) The portion of the budget allocated for defense spending

Q.29. Economists call unemployment prevailing in Indian farms as_____ unemployment
(a) open (b) closed
(c) disguised (d) frictional

Q.30. The growth targets for the fourth five-year plan was set with respect to___.
(a) Net Domestic Product
(b) Gross Domestic Product
(c) Gross National Product
(d) National Income

Q.31. Lakshya Sen is a player of which sport ?
(a) Kabaddi (b) Badminton
(c) Cricket (d) Table Tennis

Q.32. Mumbai's Byculla Railway Station received UNESCO's Asia Pacific_____ Award on Monday ie. 24th July. This award was declared in November 2022.
(a) Cultural Heritage (b) Green
(c) Gold (d) Bronze

Q.33. HYVS in case of green revolution, stands for:
(a) High Yield vary seeds
(b) High Yielding Variety Seeds
(c) High Yielding Vitcher Soil
(d) Highest Yield Varying Soil

Q.34. The partition of Bengal took place in_____.
(a) 1901 (b) 1905 (c) 1911 (d) 1915

Q.35. What is the maximum strength of the Rajya Sabha, and how many members are nominated by the President ?
(a) Maximum strength is 550, and 238 members are nominated by the President
(b) Maximum strength is 245, and 12 members are nominated by the President
(c) Maximum strength is 545, and 25 members are nominated by the president
(d) Maximum strength is 250, and 12 members are nominated by the President

Q.36. Specifications of the Football is: a circumference should be between _____.
(a) 90 cm and 125 cm
(b) 68 cm and 70 cm
(c) 10 cm and 25 cm
(d) 125 cm and 225 cm

Q.37. The Gautama Buddha taught in the language of the ordinary people _____.
(a) Prakrit (b) Hindi (c) Odia (d) Tamil

Q.38. Which of the following term used in Kathak for standing ?
(a) Thaat (b) Foot work
(c) Sama (d) Pirouettes

Q.39. Gugga Naumi is mainly celebrated in which of the following states ?
(a) Tamil Nadu (b) Andhra Pradesh
(c) Haryana (d) Madhya Pradesh

Q.40. In June 2023, who has been appointed as the Director of the United Nations Office for Outer Space Affairs (UNOOSA) in Vienna ?
(a) Syed Akbaruddin
(b) Ruchira Kamboj
(c) Aarti Holla-Maini
(d) Asoke Kumar Mukerji

Quantitative Aptitude

Q.41. What is the value of
$96 \times 3 + 48 \div 4 - 3 \times 4$?
(a) 364 (b) 288 (c) 314 (d) 322

Q.42. The radius of a sphere is 4.9 cm. What is the volume of the sphere (approximately) ?
(a) 493 cm^3 (b) 514 cm^3
(c) 479 cm^3 (d) 463 cm^3

Q.43. Sharman is 20 percent less efficient than Vivek. If Vivek can make a helmet in 20 days, then in how many days can Sharman make the same helmet ?
(a) 27 days (b) 30 days
(c) 23 days (d) 25 days

Q.44. Aman has appeared in two exams. He scored 420 marks in first exam out of 600 marks. If he got overall 70 percent marks, then how much percentage he had scored in second examination out of 500 ?
(a) 65 (b) 70 (c) 80 (d) 60

Q.45. 50 percent of marked price is equal to 70 percent of cost price. If no discount is given, then what will be the profit percentage ?
(a) 20 percent (b) 50 percent
(c) 60 percent (d) 40 percent

Q.46. The LCM of two numbers is 147, and their HCF is 7. If one number is 21, find the other number
(a) 49 (b) 21 (c) 7 (d) 28

Q.47. The compound interest (compounding half yearly) received on Rs. 10000 for 1.5 years is Rs. 3676.31. What is the rate of interest per annum ?

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(a) 28 percent (b) 14 percent
(c) 25 percent (d) 22 percent

Q.48. Find the fraction which bears the same ratio to $\frac{1}{64}$ that $\frac{4}{7}$ does to $\frac{5}{16}$.
(a) $\frac{1}{25}$ (b) $\frac{1}{20}$ (c) $\frac{1}{35}$ (d) $\frac{1}{40}$

Q.49. Selling price of an article is Rs. 8175 and discount offered is 25 percent. What is the marked price of the article ?
(a) Rs. 15720 (b) Rs. 12250
(c) Rs. 10900 (d) Rs. 11700

Q.50. If Ramesh borrows certain amount from Vikram at simple interest at the rate of 7.5% per annum for four years. What is the principal amount if the total interest that Ramesh has to pay is Rs. 18600 ?
(a) Rs. 56000 (b) Rs. 68000
(c) Rs. 45000 (d) Rs. 62000

Q.51. What is the profit percentage in selling an article at a discount of 30% which was earlier being sold at a 45% profit ?
(a) 1.3% (b) 1.5% (c) 2.5 % (d) 1.1%

Q.52. If the ratio of the areas of two squares is 4 : 9, then what is the ratio of their corresponding sides ?
(a) 1 : 3 (b) 3 : 2 (c) 4 : 3 (d) 2 : 3

Q.53. Vikas purchased two bicycles, first for Rs. 15000 and the second for Rs. 14000. He sold both the bicycles, first one at the profit of 10 percent and the second at a loss of 20 percent. What is the overall profit or loss ?
(a) Loss = Rs. 1300 (b) Profit = Rs. 1000
(c) Profit = Rs. 1200 (d) Loss = Rs. 1400

Q.54. If price is decreased by 5 percent, then by how much percentage consumption should be increased, so that the expenditure remains the same ?
(a) 26.3 percent (b) 20.3 percent
(c) 10.5 percent (d) 5.2 percent

Q.55. Which of the following number is not divisible by 36 ?
(a) 3376 (b) 3096 (c) 3168 (d) 5724

Q.56. The least number which is is exactly divisible by 125, 75, 150 and 70 ?
(a) 5250 (b) 5480 (c) 5383 (d) 2494

Q.57. The average weight of 10 persons increases by 3.5 kg when a new person comes in place of one of them weighing 85 kg. What might be the weight of the new person ?
(a) 120 kg (b) 100 kg
(c) 130 kg (d) 110 kg

Q.58. There are 21 consecutive odd numbers. If the average of first 19 numbers is X, then what is the average of last 2 numbers ?
(a) X + 27 (b) X + 21 (c) X + 25 (d) X + 19

Q.59. R and S together can complete a work in 60 days. S and T together can complete the same work in 90 days. If R, S and T all work together, then the same work gets completed in 45 days. How many days will R and T take together to complete the same work ?
(a) 75 days (b) 80 days
(c) 50 days (d) 60 days

Q.60. Aman can cover a certain distance in 16 hours. When his speed is increased by 5 km/hr the same distance can be covered in 14 hours. Find the distance.
(a) 560 km (b) 540 Km
(c) 580 Km (d) 600 Km

English

Q.61. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
She's <u>such a dearest</u> friend.
(a) such a dears (b) No improvement
(c) such a dearer (d) such a dear

Q.62. Improve the underlined part of the sentence. Choose "No improvement as an answer if the sentence is grammatically correct.
I can't <u>hearing what</u> he's saying.
(a) hears what (b) No improvement
(c) heard what (d) hear what

Q.63. Four sentences are given, out of which three have all correct spellings. Choose the sentence with the incorrect spelt word/words.
(a) Mr. Lloyd a second time produced his snuff-box
(b) Once he locked me in and was gone three days, it was dreadful lonesum.
(c) It had been his companion for twelve years, always standing on the same spot, always lending its handle to him in the early morning.
(d) How much I wished to reply fully to this question!

Q.64. Select the most appropriate word to fill in the blank.
The area is full of quaint _____ villages.
(a) a little (b) puny (c) little (d) short

Q.65. Fill in the blank with the correct homophone:
_____ coming from the kitchen.
(a) They (b) There (c) Their (d) They're

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose "No error".
Enabling nursing homes to operate effectively during a pandemic require a clear-eyed understanding of their capabilities, and limitations.
(a) understanding of their capabilities, and limitations
(b) Enabling nursing homes to operate effectively
(c) No error
(d) during a pandemic require a clear-eyed

Q.67. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Pitch and toss
(a) To feel unlucky
(b) To reveal a secret
(c) A brief account of something
(d) A game of chance

Q.68. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
I admit that I did it **suddenly without thinking about it.**
(a) Kicked the bucket
(b) Let the cat out of the bag
(c) In the heat of the moment
(d) Hit the nail on the head

Q.69. Choose the most appropriate synonym of the underlined word.
As she grew older, she began to question the religious teachings of her youth and became more <u>agnostic.</u>
(a) Demonic (b) Religious
(c) Skeptic (d) Godly

Q.70. Choose the word that is opposite in meaning to the given word.
Array
(a) Unit (b) Adorn (c) Cluster (d) Apparel

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
These are your slippers on the ground, isn't they ?
(a) No error (b) slippers on the
(c) These are your (d) ground, isn't they?

Q.72. Choose the most appropriate antonym of the underlined word.
But he was so **<u>profligate</u>** in his morals that his name cannot be mentioned with anything like tolerance.
(a) Conserve (b) Wild (c) Liberal (d) Lewd

Q.73. Select the most appropriate option for the given blank.

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The brook____from an underground spring.
(a) has emanate (b) had emanate
(c) has emanating (d) emanates

Q.74. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Be the best, more better than the rest.
(a) more better than (b) Be the best
(c) No error (d) the rest.

Q.75. Select the incorrectly spelt word from the given sentence.
Father Costello asured me that he'll perform the rites today
(a) today (b) asured (c) perform (d) rites

Cloze Test :
Direction :- [Q.76. to Q.80.]
Mr. Reed had been dead for(76)____years it was in this chamber he (77)_____his last, here he (78)_____in state; hence his coffin was (79)_____by the undertaker's men, and, since that day, a (80)_____ of dreary consecration had guarded it from frequent intrusion.

Q.76. (a) an (b) complete (c) the (d) nine

Q.77. (a) exhaled (b) panted
(c) breathed (d) sigh

Q.78. (a) laid (b) lay (c) keeps (d) kept

Q.79. (a) beared (b) borne
(c) bear (d) bearded

Q.80. (a) liking (b) meaning
(c) alignment (d) sense

Answer Key :-

1.(a)	2.(b)	3.(c)	4.(d)
5.(a)	6.(d)	7.(c)	8.(c)
9.(b)	10.(d)	11.(c)	12.(a)
13.(d)	14.(b)	15.(a)	16.(d)
17.(c)	18.(a)	19.(d)	20.(a)
21.(b)	22.(b)	23.(b)	24.(b)
25.(a)	26.(c)	27.(d)	28.(c)
29.(c)	30.(a)	31.(b)	32.(a)
33.(b)	34.(b)	35.(d)	36.(b)
37.(a)	38.(a)	39.(c)	40.(c)
41.(b)	42.(a)	43.(d)	44.(b)
45.(d)	46.(a)	47.(d)	48.(c)
49.(c)	50.(d)	51.(b)	52.(d)
53.(a)	54.(d)	55.(a)	56.(a)
57.(a)	58.(b)	59.(d)	60.(a)
61.(d)	62.(d)	63.(b)	64.(c)
65.(d)	66.(d)	67.(d)	68.(c)

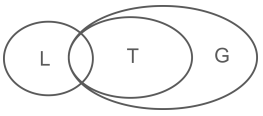
69.(c)	70.(a)	71.(d)	72.(a)
73.(d)	74.(a)	75.(b)	76.(d)
77.(c)	78.(b)	79.(b)	80.(d)

Solutions :-

Sol.1.(a) The correct order is:
CABBAGE(4) → CARROT(1) → CAULIFLOWER(5) → CELERY(3) → CUCUMBER(2).

Sol.2.(b) From DOMKE and FAMD, the code for M can be 0/6.
And as per options M is coded 6

Sol.3.(c)



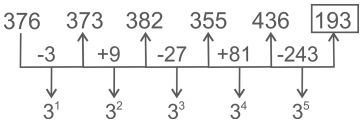
As we can see, neither conclusion follows.

Sol.4.(d) Logic :- On Interchanging @, # and * with +, + and ÷ respectively.
100 @ 55 # 65 * 13 = 160
⇒ 100 + 55 + 65 ÷ 13 = 160
⇒ 100 + 55 + 5 = 160 ⇒ 160 = 160
And 145 @ 90 # 180 * 3 = 295
⇒ 145 + 90 + 180 ÷ 3 = 295
⇒ 145 + 90 + 6 = 295 ⇒ 295 = 295
Similarly,
58 @ 63 # 90 * 15
⇒ 58 + 63 + 90 ÷ 15 ⇒ 58 + 63 + 6 = 127

Sol.5.(a)



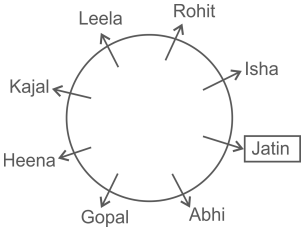
Sol.6.(d)



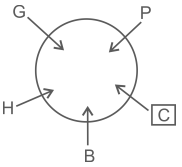
Sol.7.(c)



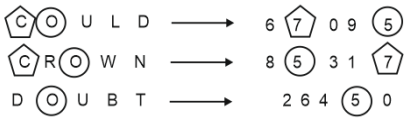
Sol.8.(c)



Sol.9.(b)

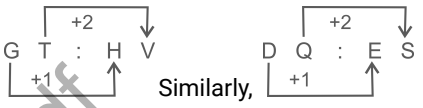


Sol.10.(d)



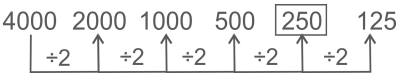
From the first and third line, letters (U and D) and numbers (6 and 0) are common.
The code of D can be either 6 or 0. But in options, 6 is given.
Therefore, the correct answer is 6.

Sol.11.(c)



Sol.12.(a) After checking all options one by one, option (a) satisfies. Therefore, after interchanging ÷ and +, we get:
76 + 4 × 2 - 90 ÷ 3 = 54
⇒ 76 + 8 - 30 = 54 ⇒ 54 = 54
⇒ LHS = RHS

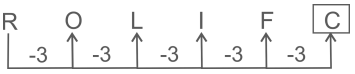
Sol.13.(d)



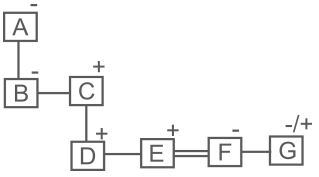
Sol.14.(b)



Sol.15.(a)



Sol.16.(d)



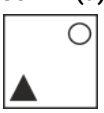
C is father of F's husband'.

Sol.17.(c)ssttttu/sstttuu/sstttuu/ssttttuu/sstttuu/ssttttuu

Sol.18.(a)

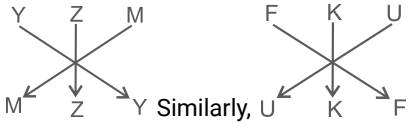


Sol.19.(d)



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Sol.20.(a)



Sol.21.(b) Separation of powers. It is a fundamental feature of the Indian Constitution, ensuring that no single branch dominates the others. The Indian Constitution incorporates the principle of separation of powers, which ensures that the powers of government are divided among the: Executive (Prime Minister and Cabinet), Legislature (Parliament), Judiciary (Supreme Court and High Courts). Article 50 - Separation of judiciary from executive.

Sol.22.(b) Kautilya, also known as Vishnugupta and Chanakya. His book - Arthashastra is an ancient Indian Sanskrit treatise on politics, economics, military tactics, and statecraft. Chandragupta Maurya: Founded the Mauryan Empire by overthrowing the Nanda dynasty.

Sol.23.(b) Both I and II. PM Vishwakarma was launched on 17th September, 2023 by the Prime Minister (Narendra Modi) to provide end-to-end support to artisans and craftspeople who work with their hands and tools. The scheme aims to preserve traditional crafts, promote cultural heritage, and empower skilled artisans.

Sol.24.(b) Centripetal force. It is a force that acts towards the center of the circle, perpendicular to the direction of motion. It is necessary to counteract the tendency of the object to fly off in a straight line due to inertia. Friction is the force that opposes the relative motion between two surfaces in contact. Elastic force is the force exerted by a material when it is stretched or compressed and tries to return to its original shape. Velocity refers to the speed of an object in a particular direction.

Sol.25.(a) Kathak. Kumudini Lakhia is a renowned Indian classical dancer and choreographer, and her most famous dancing style is Kathak. Her Awards: Padma Bhushan (2010), and Padma Shri (1987). Other Kathak Exponents: Shambhu Maharaj, Sunder Prasad, Birju Maharaj, Sitara Devi, Shovana Narayan and Roshan Kumari.

Sol.26.(c) Hariprasad Chaurasia. He is a legendary Indian classical flutist, renowned for his mastery of the bansuri (bamboo flute). His awards: Padma Bhushan (1992) and Padma Vibhushan (2000). Notable instrumental players: Flute - Pannalal Ghosh, Raghunath Prasanna. Tabla - Zakir Hussain, Sabir Khan, and Pt Kishan Maharaj. Santoor - Bhajan Sopori, Pt Shiv Kumar Sharma. Sitar - Ustad Vilayat Khan, Pt Ravi Shankar, and Shahid Parvez Khan.

Sol.27.(d) 7.26. The women's shot weight is 4kg (8.8lb). Diameter of the shot put circle: 2.135 m, Diameter of shot: 110mm - 130 mm (men) 95 mm - 110 mm (women), and Angle of the throwing sector within the circle: 34.92°.

Sol.28.(c) In the context of a government budget, other key terms: Revenue Deficit - It refers to the excess of total revenue expenditure of the government over its total revenue receipts. Primary Deficit - It is defined as fiscal deficit minus interest payments on previous borrowings. Capital expenditure - When government incurs expenditure to create assets such as hospitals, buildings, roads bridges or reduce its liability such as repayment of loan.

Sol.29.(c) disguised. It is also known as hidden unemployment that refers to a situation where people are employed in a sector, such as agriculture, but their contribution to output is less than their labor input. In other words, they are not fully utilized or productive. Open Unemployment: Visible unemployment, where people are idle due to lack of opportunities. Frictional Unemployment : Temporary unemployment while searching for a new job after leaving a previous one.

Sol.30.(a) Net Domestic Product. The growth targets for the first three Five-Year Plans were based on National Income. Fourth five year plan (1969 - 74) - Target Growth: 5.7% and Actual Growth: 3.3%. From the Fifth Plan onwards, Gross Domestic Product has been used to set the growth targets.

Sol.31.(b) Badminton. His award: Arjuna Award (2022). Other Indian Badminton Players: P. V. Sindhu, Saina Nehwal, Prakash Padukone, and Pullela Gopichand. Other sports and its related Players: Cricket (female) Mithali Raj, Jhulan Goswami, Deepti Sharma, Harmanpreet Kaur, Smriti Mandhana, Poonam Yadav, Shafali Verma, Anjum Chopra. Table tennis - Achanta Sharath Kamal, Harmeet Desai, Soumyajit Ghosh, Sanil Shetty, Manika Batra, Mouma Das, Poulomi Ghatak.

Sol.32.(a) Cultural Heritage. The Byculla railway station is one of the oldest railway stations in India. Additionally, the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya (CSMVS), Stepwells of Golconda (Hyderabad) and Domakonda Fort (Telangana) won the highest award of excellence in the UNESCO Asia Pacific awards in 2022 in different categories.

Sol.33.(b) High Yielding Variety Seeds. The Green Revolution, led by Norman Borlaug, focused on developing High Yielding Variety (HYV) seeds to boost food production. Norman Borlaug is considered the "Father of the Green Revolution" in the world. He was awarded the Nobel Peace Prize in 1970 for his contributions to food security and peace.

Sol.34.(b) 1905. The partition of Bengal took place on October 16, 1905, during the British colonial rule in India. The partition was implemented by Lord Curzon, the then Viceroy of India, and separated the province of Bengal into two separate provinces: Western Bengal and Eastern Bengal.

Sol.35.(d) The Rajya Sabha, the upper house of India's Parliament, has a maximum of 250 members, including 238 elected representatives from States and Union Territories and 12 nominated by the President Of India. It is a permanent body with one-third of its members retiring every two years. The Vice President of India serves as the ex-officio Chairman of the Rajya Sabha.

Sol.36.(b) 68 cm and 70 cm. The football must meet the following criteria as per the FIFA laws - Weight: Between 410 to 450g, Air pressure: 0.6 - 1.1 atmosphere (600–1,100 g/cm^2) at sea level. FIFA specifies that a standard football ground must have minimum dimensions of 45m × 90m and maximum dimensions of 90m × 120m.

Sol.37.(a) Prakrit. Gautam Buddha: He was known as Siddhartha Gautama and the founder of Buddhism. His Four Noble Truths: Dukkha, Samudya, Nirodha, and Ashtangika Marga. Eight-Fold Paths: Right view, Right intention, Right speech, Right action, Right livelihood, Right mindfulness, Right effort, and Right concentration. Satavahana's official language was Prakrit and its script was Brahmi.

Sol.38.(a) Thaat. Some Important terms

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in Kathak : Tatkaar - The dance syllables that are produced from footwork. In Kathak dance the main syllables of Tatkaar are: Ta Thei Thei Tat, Aa Thei Thei Tat. Chakkar - It is an extraordinary feature of the Kathak dance style. The dancer takes 3, 9, 27, 81, 108 or even more pirouettes or chakkars at a time. Laya - The movement of time in singing, playing and dancing.

Sol.39.(c) Haryana. Gugga Naumi is celebrated in honour of a saint, who was known as Gugga Pir. In the lunar month of Bhadon (August-September - Bhadrapaksha), the devotees of Gugga Pir paint his image on the wall in turmeric and worship the snake, painting its image in black colour and by pouring milk and buttermilk into snake holes. Other festivals in Haryana: Baisakhi, Surajkund Craft and Pinjore Heritage Festival.

Sol.40.(c) Aarti Holla-Maini. The United Nations Office for Outer Space Affairs (UNOOSA) works to promote international cooperation in the peaceful use and exploration of space, and in the utilisation of space science and technology for sustainable economic and social development. Established in: 1958. Headquarters: Vienna, Austria.

Sol.41.(b) 96 × 3 + 48 ÷ 4 - 3 × 4
= 96 × 3 + 12 - 3 × 4
= 288 + 12 - 12 = 288

Sol.42.(a) Volume of sphere = $\frac{4}{3}\pi r^3$

$\Rightarrow \frac{4}{3} \times \frac{22}{7} \times (4.9)^3$

= 493.005 ≈ 493 cm^3

Sol.43.(d) According to question,
Efficiency of → Sharman : Vivek
4 : 5
Total work done by Vivek = 20 × 5 = 100 unit
No. of days taken by sharman to make the same helmet = $\frac{100}{4}$ = 25 days

Sol.44.(b)
Maximum marks = 600 + 500 = 1100
Total marks obtained by aman
= 1100 × $\frac{70}{100}$ = 770
Marks obtained in second exam
= 770 - 420 = 350
% in second exam = $\frac{350}{500} \times 100$ = 70%

Sol.45.(d) According to question,
50% × M.P. = 70% × C.P.

$\Rightarrow \frac{M.P.}{C.P.} = \frac{7}{5}$

$\Rightarrow$ Profit% = $\frac{2}{5} \times 100 = 40\%$

Sol.46.(a) Second number
= $\frac{L.C.M. \times H.C.F.}{First\ number} = \frac{147 \times 7}{21}$ = 49

Sol.47.(d)

$\frac{A}{P} = \sqrt[3]{\frac{13676.31}{10000}} = \frac{111}{100}$

$\Rightarrow \frac{111}{100} = 1 + \frac{r}{100} \Rightarrow r = 11$

Therefore annual rate of interest
= 11 × 2 = 22%

Sol.48.(c) according to question,

$\Rightarrow \frac{\frac{x}{1}}{\frac{1}{64}} = \frac{\frac{4}{7}}{\frac{5}{16}} \Rightarrow x = \frac{\frac{1}{64} \times \frac{4}{7}}{\frac{5}{16}} = \frac{1}{35}$

Sol.49.(c) marked price
= $\frac{8175 \times 100}{75}$ = Rs 10900

Sol.50.(d) P = $\frac{S.I. \times 100}{Rate \times time}$
= $\frac{18600 \times 100}{7.5 \times 4}$ = Rs. 62000

Sol.51.(b) let the cost price is 100 unit
Selling price = 145 unit
Selling price at 30% discount
= 145 × $\frac{70}{100}$ = 101.5
Profit % = $\frac{1.5}{100} \times 100$ = 1.5%

Sol.52.(d)
area of square = $(side\ of\ square)^2$
Ratio of sides = $\sqrt{4}$: $\sqrt{9}$ = 2 : 3

Sol.53.(a)
cost price of both article = 29000
Selling price of first cycle
= 15000 × $\frac{110}{100}$ = 16500
Selling price of second cycle
= 14000 × $\frac{80}{100}$ = 11200
Total selling price of both cycle
= 16500 + 11200 = 27700
Loss = 29000 - 27700 = Rs. 1300

Sol.54.(d)
expenditure = price × consumption
5% = $\frac{1}{20}$

Ratio →	initial	:	final
Price →	20	:	19
Consumption →	19	:	20

Increase in consumption
= $\frac{1}{19} \times 100$ = 5.2 percent

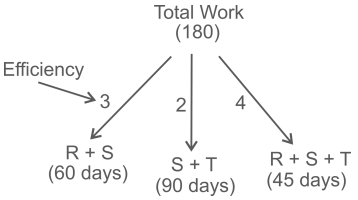
Sol.55.(a) divisibility of 36 = If a number is divisible by 36 then it must be divisible by 4 and 9 both.
After checking all options one by one, 3376 is not divisible by both 9 or 6 so , it is not divisible by 36

Sol.56.(a)
L.C.M. of (125, 75, 150, 70) = 5250

Sol.57.(a) total increased weight
= 10 × 3.5 = 35 kg
Therefore weight of new person
= 35 + 85 = 120kg

Sol.58.(b)
Average of first 19 odd number is = x
So the 10th number will be = x (because average is the middle term of the series)
So the series after 10th number = x + 2, x + 4, x + 6, x + 8, x + 10, x + 12, x + 14, x + 16, x + 18, x + 20, x + 22
Average of last 2 digit
= $\frac{(x+20)+(x+22)}{2} = \frac{2x+42}{2}$ = x + 21

Sol.59.(d)



Efficiency of R = 2, efficiency of T = 1
Then, time taken by R and T to complete the work = $\frac{180}{3}$ = 60 days

Sol.60.(a)
Let d is the distance covered by aman
Speed of aman = $\frac{d}{16}$ km/hr
According to question,
$(\frac{d}{16} + 5) \times 14 = d$
$\Rightarrow (\frac{d+80}{16}) \times 14 = d$
$\Rightarrow$ 14d + 1120 = 16d
$\Rightarrow$ d = $\frac{1120}{2}$ = 560 km

Sol.61.(d) such a dear
Positive degree adjective is used after 'such'. Hence, 'such a deer' is the most appropriate answer.

Sol.62.(d) hear what
'Modal verbs' are auxiliary verbs(also called helping verbs) like can, will, could, shall, must, would, might, and should. However, after a modal verb, we generally use the first form of the verb (V_1). Hence, 'hear what' is the most appropriate answer.

Sol.63.(b) Once he locked me in and was

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gone three days, it was dreadful lonesum.
'Lonesome' is the correct spelling.

Sol.64.(c) little
'Little' means very small in size. In the given sentence, 'little village' means the village is very small in terms of area or the number of residents. Hence, 'little' is the most appropriate answer.

Sol.65.(d) They're
'They're is a contraction of "They are". 'Are + V_{ing}' is the correct grammatical structure of present continuous tense. Hence, *They're* is the most appropriate answer.

Sol.66.(d) during a pandemic require a clear-eyed
The subject of this sentence is the gerund 'Enabling', which is singular. A singular subject takes a singular verb. Therefore, 'require' must be replaced with 'requires'. Hence, 'during a pandemic requires a clear-eyed' is the most appropriate answer.

Sol.67.(d)
Pitch and toss- a game of chance.
E.g.- Investing in that risky venture was like pitch and toss. He wasn't sure if he'd win or lose everything.

Sol.68.(c) In the heat of the moment- suddenly without thinking about it.

Sol.69.(c) Skeptic- a person who doubts or questions.
Agnostic- person who believes that nothing is known or can be known of the existence or nature of God.
Demonic- relating to demons.
Religious- relating to religion or worship.
Godly- devoted to or resembling God.

Sol.70.(a) Unit: a single entity.
Array: a collection of items of the same kind.
Adorn: to make something more beautiful or attractive.
Cluster: a group of similar things or people occurring closely together.
Apparel: clothing or dress.

Sol.71.(d) ground, isn't they ?
'They' is a plural subject that will take the plural verb 'are'. Hence, *aren't they* is the most appropriate answer.

Sol.72.(a) Profligate- behaving in a way that is bad or morally wrong.
Conserve- to protect something of cultural importance from harm or destruction.
Wild- uncontrolled or unrestrained.
Liberal- open to new behavior or opinions.
Lewd- crude and offensive in a sexual way.

Sol.73.(d) emanates
'The brook' is a singular subject that will take the singular verb 'emanates'. All other verbs are incorrect due to incorrect form. Hence, 'emanates' is the most appropriate answer.

Sol.74.(a) more better than
'Better' is the correct comparative degree of 'good'. 'More' must be removed. Hence, 'better than' is the most appropriate answer.

Sol.75.(b) asured
'Assured' is the correct spelling.

Sol.76.(d) nine
'Years' is a plural noun, so we need a number greater than one. Hence, 'nine' is the most appropriate answer.

Sol.77.(c) breathed
'Breathe' means to carry out the process of inhaling and exhaling air, which is essential for our survival. The given sentence states that it was in this chamber he breathed his last. Hence, 'breathed' is the most appropriate answer.

Sol.78.(b) lay
'Lay' is the past form of 'lie', which means to rest on a surface in a horizontal position. The given sentence states that it was in this chamber that he lay in state. Hence, 'lay' is the most appropriate answer.

Sol.79.(b) borne
'Borne' is the past participle form of 'bear', which means carry the weight of. The given sentence states that his coffin was borne by the undertaker's men. Hence, 'borne' is the most appropriate answer.

Sol.80.(d) sense
'Sense' means a kind of feeling. The given passage states that since that day, a sense of dreary consecration had guarded it from frequent intrusion. Hence, 'sense' is the most appropriate answer.

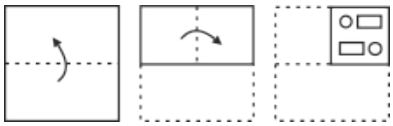
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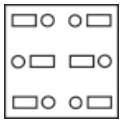
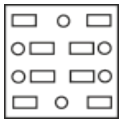
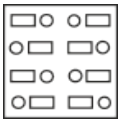
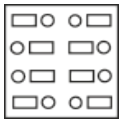
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SSC GD Constable
06/03/2024 (3rd Shift)

Reasoning

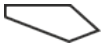
Q.1. In the following question, a piece of paper is folded and a hole is made in it as per the given figures. From the figures given in the options, tell how it will look when opened ?

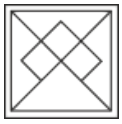
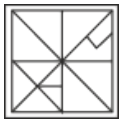
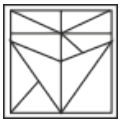
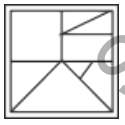


(a) 
(b) 
(c) 
(d) 

Q.2. Which of the following group of letters when arranged sequentially from left to right will complete the below series ?
hiijhi _jhi _jhi _jhiijhiijh_ij
(a) hiih (b) hiij (c) hjji (d) iiii

Q.3. From the given option figures, select the figure in which the figure given in the question is hidden/embedded. (Rotation is not allowed)



(a) 
(b) 
(c) 
(d) 

Q.4. Arrange the given words in the same order in which they appear in the English dictionary.
1. Consign 2. Consider 3. Consist
4. Consonant 5. Consolation
(a) 1, 2, 4, 3, 5 (b) 2, 1, 3, 4, 5
(c) 2, 1, 3, 5, 4 (d) 1, 2, 4, 5, 3

Q.5. In the following question, select the figure from the given options which can be placed at the place of question mark (?).



(a) 
(b) 
(c) 
(d) 

Q.6. In the following question, three statements are given followed by two conclusions numbered I and II. Assuming the given statements to be true even if they seem to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.
Statement I : No powder is lipstick.
Statement II : All lipsticks are creams.
Statement III : No cream is lotion.
Conclusions I : No lipstick is lotion.
Conclusions II : No powder is cream.
(a) Neither conclusion I nor II follows
(b) Both conclusion I and II follow
(c) Only conclusion II follows
(d) Only conclusion I follows

Q.7. In a certain code language, 'FORCE' is written as '83052', 'GAMES' is written as '42761', and 'FORUM' is written as '08957'. How will 'C' be written in the same code language ?
(a) 8 (b) 3 (c) 5 (d) 2

Q.8. Select the missing number from the given series from the following options.
54, 55, ?, 90, 154, 279
(a) 70 (b) 60 (c) 58 (d) 63

Q.9. Which two numbers in the given options should be interchanged to make the following equation correct ?
14 × 5 + 36 - 27 ÷ 3 = 85
(a) 5 and 3 (b) 14 and 36
(c) 27 and 36 (d) 36 and 85

Q.10. From the following options select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
Bangladesh : Taka :: Argentina : Peso :: Japan : ?
(a) Rial (b) Euro (c) Dinar (d) Yen

Q.11. Eight boys A, B, C, D, E, F, G and H are sitting in a straight row facing south (but not necessarily in the same order). A and H are sitting at the extreme ends of the row. E and F are the nearest neighbours of B. C is fourth to the left of B. F is sitting immediate left of A. D is not an immediate neighbor of C. Who sits immediate left of B ?
(a) G (b) F (c) D (d) E

Q.12. A is the husband of B. B is the sister of C. C is the brother of D. D is the father of E. E is the wife of F. How is D related to F ?
(a) brother (b) wife's father
(c) father (d) mother

Q.13. Which two numbers in the given options should be interchanged to make the following equation correct ?
15 - 26 + 13 × 22 ÷ 5 = 35
(a) 15 and 22 (b) 15 and 13
(c) 22 and 26 (d) 35 and 5

Q.14. Which of the following numbers will come in place of question mark (?) in the given series ?
7, 17, 37, 77, 157, ?
(a) 284 (b) 317 (c) 485 (d) 382

Q.15. In a certain code language, 'ADVISE' is written as 'YBTGQC'. How will 'BUILDS' be written in that code language?
(a) ZSGKBQ (b) ZSGJBQ
(c) ZSGJCQ (d) ZSGJCR

Q.16. A series is given below with one term missing. Choose the option from the given options that will complete the series.
MR, TO, QV, XS, ?
(a) UR (b) UY (c) UZ (d) UQ

Q.17. In the following question, select the figure from the given options which can be placed at the place of question mark (?).

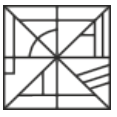
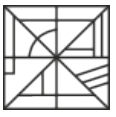


(a) 
(b) 
(c) 
(d) 

Q.18. Five friends P, B, C, G and H are sitting around a circular table facing the centre. B is sitting immediate left of C. G and H are not the nearest neighbours of C. H sits second to the right of P. Who is sitting immediate right of C ?
(a) H (b) P (c) G (d) B

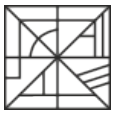
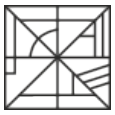
Q.19. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure ?



(a) 
(b) 

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(c)  (d) 

Q.20. In the following question, select the related letters from the given alternatives.
BKO : ENR : : TYC : ?
(a) IND (b) WBF (c) LXJ (d) SUV

General Awareness

Q.21. Zakir Hussain is famous for which of the following ?
(a) Tabla (b) Veena
(c) Harmonium (d) Flute

Q.22. According to the 2011 census, what is the total population of Hindus in India ?
(a) 96.63 Crore (b) 81.63 Crore
(c) 86.63 Crore (d) 91.63 Crore

Q.23. The "Licence Raj" refers to a system of _____ in India in the mid-20th century.
(a) Export promotion
(b) Trade associations
(c) Industrial licensing
(d) Import restrictions

Q.24. The Integrated Goods and Services Tax (Amendment) Bill, 2023 amends the Integrated Goods and Services Tax (IGST) Act _____ .
(a) 2017 (b) 2019 (c) 2015 (d) 2013

Q.25. The share of the industrial sector in gross domestic product (GDP) increased from 11.8 percent in 1950–51 to _____ percent in 1990–91.
(a) 22.6 (b) 20.6 (c) 26.6 (d) 24.6

Q.26. Which sport does Indian player Poulomi Ghatak play ?
(a) Cricket (b) Squash
(c) Table Tennis (d) Badminton

Q.27. Which sport does Indian player Gaurav Ghei play ?
(a) Football (b) Cricket
(c) Golf (d) Hockey

Q.28. Which of the following country's government honoured Mallika Sarabhai with the Palme d'or ?
(a) India (b) France (c) Japan (d) USA

Q.29. In 2023, The International Astronomical Union has named a minor planet after which of the following Indian meteorite astronomer ?
(a) Ashwin Shekhar
(b) J.C. Bhattacharya
(c) Vinod Johri
(d) Somnath Bharadwaj

Q.30. Bhutan is a neighboring country of India. Which state of India shares its border with Bhutan ?
(a) Haryana (b) Punjab
(c) West Bengal (d) Jammu and Kashmir

Q.31. Which of the following sites is located on the Ghod river, a tributary of the Bhima ?
(a) Kot Diji (b) Banawali
(c) Inamgaon (d) Chanhudaro

Q.32. Article 12 of the Indian Constitution provides for the _____.
(a) Definition of Directive Principles of State Policy
(b) Definition of 'State'
(c) Definition of Fundamental Rights
(d) Definition of Fundamental Duties

Q.33. Definite shape, clear boundaries are the characteristics of which state of matter ?
(a) gas (b) semi-solid (c) solid (d) liquid

Q.34. In which of the following years was the interim Government formed at the Centre ?
(a) 1916 (b) 1926 (c) 1946 (d) 1936

Q.35. Which of the following articles of the Indian Constitution mentions the pardoning power of the Governor and the power to suspend, pardon or reduce the sentence in certain cases ?
(a) Articles 163 (b) Articles 162
(c) Articles 161 (d) Articles 164

Q.36. Which of the following sports does Vijendra Singh play ?
(a) Football (b) Boxing
(c) Cricket (d) Badminton

Q.37. Kummi dance is related to which state ?
(a) Tamil Nadu (b) Uttar Pradesh
(c) Bihar (d) Chhattisgarh

Q.38. How many national festivals does India celebrate ?
(a) one (b) three (c) two (d) five

Q.39. Read the following statements related to balanced budget.
A. The government can spend an amount equal to the accumulated income. This is called a balanced Budget.
B. If more needs to be spent, the amount will have to be received through taxes to balance the budget.
Identify the correct statement(s).
(a) Both A and B (b) Only B
(c) Only A (d) Neither A nor B

Q.40. Who among the following famous personalities was awarded the prestigious German Peace Prize ?
(a) Amit Shah (b) Lalji Mukherjee
(c) Salman Rushdie (d) Saurabh Shukla

Quantitative Aptitude

Q.41. Find the value of
$\frac{132}{69}$ of $\frac{23}{44} - \frac{196}{28} \times \frac{14}{49}$?
(a) -1 (b) 1 (c) 0 (d) -2

Q.42. The cost of 25 chairs is 80 percent more than the cost of 20 tables. If the cost of 22 tables is Rs 10648, then what is the cost of 50 chairs ?
(a) Rs 34888 (b) Rs 34848
(c) Rs 38848 (d) Rs 34488

Q.43. In a muffin recipe, the ratio of flour and sugar is 3 : 2, and that of sugar and butter is 4 : 3. What is the ratio of flour and butter in the recipe ?
(a) 1 : 3 (b) 2 : 1 (c) 1 : 2 (d) 3 : 1

Q.44. The simple interest received on a sum of money is $\frac{64}{81}$ of that amount. The number of years is equal to the annual interest rate. What is the annual interest rate ?
(a) 8.88 percent (b) 6.24 percent
(c) 7.42 percent (d) 9.28 percent

Q.45. Preeti alone can complete a work in 30 days and Payal alone can complete the same work in 90 days. Payal worked alone for the first 18 days and then left the job. In how many days will Preeti alone complete the remaining work ?
(a) 29 days (b) 25 days
(c) 27 days (d) 24 days

Q.46. Find the value of 10 + 2 × (7 - 4) ÷ 2 ?
(a) 6 (b) 12 (c) 13 (d) 10

Q.47. If the average of 23, 27, 26, 22, C and D is 28, then what is the average of C and D ?
(a) 35 (b) 32 (c) 31 (d) 33

Q.48. If a number U is 90 percent less than another number V and V is 13 percent more than 5400, then what is the value of U ?
(a) 6102 (b) 610.2 (c) 61.2 (d) 602.2

Q.49. The simple interest on a certain sum at the rate of 8% per annum for 2 years is Rs. 1120. What is the compound interest (compounded annually) on the same sum of money for the same period

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and at the same rate of interest ?
(a) Rs. 1489.8 (b) Rs. 1215.3
(c) Rs. 1164.8 (d) Rs. 1331.2

Q.50. What is the greatest common factor of $\frac{4}{5}$, $\frac{3}{10}$ and $\frac{7}{15}$?
(a) $\frac{1}{3}$ (b) $\frac{10}{3}$ (c) $\frac{1}{30}$ (d) 30

Q.51. The marked price of an article is ₹ 1020 and the selling price is ₹ 703.8. Then what is the discount percentage ?
(a) 23 percent (b) 69 percent
(c) 31 percent (d) 27 percent

Q.52. The lengths of the sides of a triangle are 5 cm, 4 cm and 7 cm. Find the area of the triangle.
(a) $4\sqrt{6}$ cm^2 (b) $7\sqrt{2}$ cm^2
(c) $6\sqrt{3}$ cm^2 (d) $5\sqrt{6}$ cm^2

Q.53. Two trains, one 380 m and the other 160 m long, are running in opposite directions on parallel tracks at speeds of 70 km/hr and 38 km/hr respectively. How much time will they take to cross each other ?
(a) 18 Seconds (b) 14 Seconds
(c) 26 Seconds (d) 22 Seconds

Q.54. A shopkeeper after marking up his goods 25% more, sells them at a profit of 5%. What is the percentage of discount given by the shopkeeper ?
(a) 17.5% (b) 15.4% (c) 16% (d) 18%

Q.55. For which of the following values of M, 7547M is divisible by 9 ?
(a) 8 (b) 7 (c) 4 (d) 2

Q.56. The cost price of a cooler is Rs 4500. If the profit percentage is 18 percent, then what is the selling price of the cooler ?
(a) Rs 5420 (b) Rs 5310
(c) Rs 5530 (d) Rs 5270

Q.57. The cost price of 16 articles is equal to the selling price of 18 articles. Find the percentage loss in the transaction.
(a) 12% (b) 13.5% (c) 14.2% (d) 11.11%

Q.58. A bowler takes an average of 12 wickets per match in the first 14 matches. He took an average of 12 wickets per match in all 28 matches. What is the average wickets taken by the bowler per match in the last 14 matches?
(a) 10.5 (b) 11 (c) 12 (d) 10.7

Q.59. Karan's efficiency is 240 percent of Vinod's efficiency. If Karan can finish a work in 34 days, then in how many days both of them together will finish the same work ?
(a) 30 days (b) 27 days
(c) 25 days (d) 24 days

Q.60. Two numbers are in the ratio 6 : 17. If the sum of the two numbers is 92, then what is the difference between the two numbers ?
(a) 66 (b) 77 (c) 44 (d) 55

English

Q.61. Improve the underline part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The rain <u>slowed downer</u> and became a light mist.
(a) No improvement (b) slowed down
(c) slowed downs (d) slow down

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Our situation is more better than that of our contemporaries right now.
(a) Contemporaries right now.
(b) than that of our
(c) No error
(d) Our situation is more better

Q.63. Select the most appropriate option for the given blank.
_____ your time and decide which job you want.
(a) Make (b) Set (c) Have (d) Take

Q.64. Select the most appropriate option for the given blank.
The meeting has been called beacause James is ill.
(a) Off (b) of (c) to (d) in

Q.65. Improve the underline part of the sentence.Choose 'No improvement ' as an answer if the sentence is grammatically correct.
I <u>has driven</u> by the park on my way to work.
(a) No improvement (b) drive by
(c) driving by (d) drives by

Q.66. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
I felt I am dying of weakness, / and have barely strength to write,/ but it must be done if I die in the doing.
(a) No error
(b) I felt I am dying of weakness,
(c) and have barely strength to write,
(d) but it must be done if I die in the doing.

Q.67. Choose the option which is antonym of (opposite of) the word "extraneous" in the sentence given below:
Proper time management is essential for maintaining a healthy work-life balance.
(a) Proper (b) maintaining
(c) balance (d) essential

Q.68. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Cost an arm and a leg
(a) Be extremely expensive
(b) Occurring unexpectedly
(c) To be a good dancer
(d) To lose a friend

Q.69. Select the incorrectly spelt word from the given sentence.
Although Marie Curie eventually suffered a fatal illness from her long exposur to radium, she never became disillusioned about her work.
(a) eventually (b) Although
(c) disillusioned (d) exposur

Q.70. Fill in the blank with the most appropriate option.
At this dismal intelligence, I twisted the only button on my waistcoat round and _____.
(a) round (b) around (c) over (d) up on

Q.71. Choose the most appropriate antonym of the underlined word.
The former stand-up comedian has evolved into one of the most **<u>versatile</u>** entertainers in showbiz.
(a) Varied (b) Adaptable
(c) Amateur (d) Gifted

Q.72. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
My twin boys are **very restless about something** today.
(a) Green with envy
(b) In the dark
(c) Have ants in their pants
(d) Off on the wrong foot

Q.73. The sentence has been divided into three parts, identify the segment which contains a spelling error in the sentence given below. Choose no error if there is no error in the sentence.
The Chandrayaan 2 could have been a success,/ if it hadn't lost the connection with the control room/ in the final momants of its landing.
(a) if it hadn't lost the connection with the control room
(b) no error

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(c) The Chandrayaan 2 could have been a success,
(d) in the final momants of its landing.

Q.74. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I know they have a most good detective on the payroll.
(a) No error
(b) detective on the payroll.
(c) have a most good
(d) I know they

Q.75. Choose the word that means the same as the given word.
Offensive
(a) Upsetting (b) Dulcet
(c) Merry (d) Amusing

Cloze Test :
Direction :- [Q.76. to Q.80.]
Households these days resort to chemicals to get (76) _____ of rats. The use of these is making conditions (77) _____ for the mongoose, snakes and owls. Even if not consumed (78) _____, by feeding on rodents that (79) _____ exposed to these poisonous chemicals, these natural pest controllers in our backyards are (80) _____ grave risk.

Q.76. (a) rid (b) empty
(c) relieve (d) void

Q.77. (a) low (b) unfavourable
(c) opposing (d) contrary

Q.78. (a) frankly (b) thoroughly
(c) directly (d) simply

Q.79. (a) have been (b) has been
(c) have (d) had

Q.80. (a) at (b) on (c) of (d) from

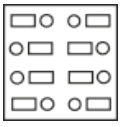
Answer Key :-

1.(d)	2.(d)	3.(c)	4.(c)
5.(d)	6.(d)	7.(b)	8.(d)
9.(c)	10.(d)	11.(d)	12.(b)
13.(a)	14.(b)	15.(b)	16.(c)
17.(c)	18.(b)	19.(a)	20.(b)
21.(a)	22.(a)	23.(c)	24.(a)
25.(d)	26.(c)	27.(c)	28.(b)
29.(a)	30.(c)	31.(c)	32.(b)
33.(c)	34.(c)	35.(c)	36.(b)
37.(a)	38.(b)	39.(a)	40.(c)
41.(a)	42.(b)	43.(b)	44.(a)
45.(d)	46.(c)	47.(a)	48.(b)

49.(c)	50.(c)	51.(c)	52.(a)
53.(a)	54.(c)	55.(c)	56.(b)
57.(d)	58.(c)	59.(d)	60.(c)
61.(b)	62.(d)	63.(d)	64.(a)
65.(b)	66.(b)	67.(d)	68.(a)
69.(d)	70.(a)	71.(c)	72.(c)
73.(d)	74.(c)	75.(a)	76.(a)
77.(b)	78.(c)	79.(a)	80.(a)

Solutions :-

Sol.1.(d)



Sol.2.(d) hiij/hiij/hiij/hiij/hiij/hiij/hiij/hiij

Sol.3.(c)

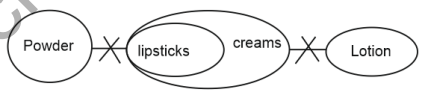


Sol.4.(c) The correct order is ;
Consider(2) → Consign(1) → Consist(3) → Consolation(5) → Consonant(4).

Sol.5.(d)



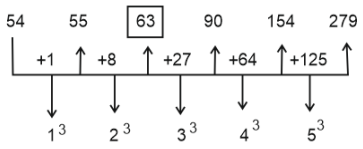
Sol.6.(d)



Only conclusion I follows.

Sol.7.(b) From FORCE and FORUM we get the code of F,O,R i.e 8,0,5 (not necessarily in the same order)
From FORCE and GAMES we get the code of E = 2
So , C is coded as 3

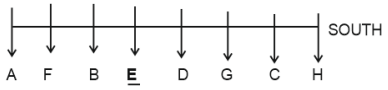
Sol.8.(d)



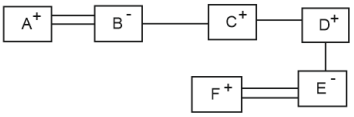
Sol.9.(c) Given : 14 × 5 + 36 - 27 ÷ 3 = 85
After going through all the options, option (c) satisfies. After interchanging 27 and 36 we get;
14 × 5 + 27 - 36 ÷ 3 = 85
70 + 27 - 12 = 85 ⇒ 85 = 85 ⇒ LHS = RHS

Sol.10.(d)
As Taka is the currency of Bangladesh and Peso is the currency of Argentina. Similarly, Yen is the currency of Japan.

Sol.11.(d)



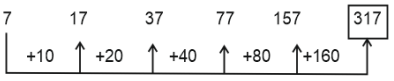
Sol.12.(b)



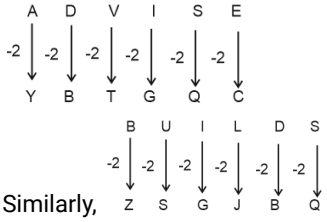
D is F's wife's father.

Sol.13.(a)
Given : 15 - 26 + 13 × 22 ÷ 5 = 35
After going through all the options, option (a) satisfies. After interchanging 15 and 22, we get
22 - 26 + 13 × 15 ÷ 5 = 35
22 - 26 + 13 × 3 = 35
22 - 26 + 39 = 35 ⇒ 35 = 35 ⇒ LHS = RHS

Sol.14.(b)

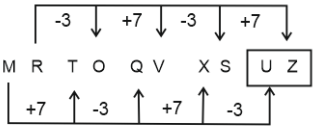


Sol.15.(b)



Similarly,

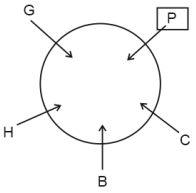
Sol.16.(c)



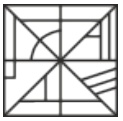
Sol.17.(c)



Sol.18.(b)

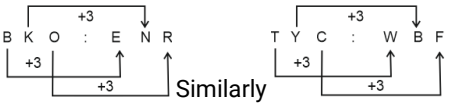


Sol.19.(a)



Sol.20.(b)

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Sol.21.(a) Tabla. Zakir Hussain: Awards - Padma Shri (1988), Padma Bhushan (2002), Padma Vibhushan (2023), Sangeet Natak Akademi Award (1990). Other Tabla players - Ustad Allah Rakha, Pandit Shankar Ghosh, Pandit Udhai Mazumdar, and Anuradha Pal. Veena - Asad Ali Khan. Flute - Pandit Ronu Majumdar.

Sol.22.(a) 96.63 Crore. As per the 2011 Census of India: Among India's population of 121.09 crores, Hindus make up 79.8%, followed by Muslims at 14.2%, Christians at 2.3%, Sikhs at 1.7%, Buddhists at 0.7%, Jains at 0.4%, and others at 0.9%. Muslims, representing 14.2%, are the largest religious minority in the country.

Sol.23.(c) Industrial licensing. The "Licence Raj" refers to a system of industrial licensing that existed in India from the late 1950s until economic reforms began in 1991.

Sol.24.(a) 2017. IGST is a type of indirect tax that is levied on the interstate supply of goods and services in India. The GST Bill was first introduced in 2014 as the Constitution (122nd Amendment) Bill. It was approved in 2016 and renumbered as The Constitution (101st Amendment) Act, 2016. GST was launched on 1st July 2017. Article 279A - Goods and Services Tax Council. Article 246A - Special provision with respect to goods and services tax.

Sol.25.(d) 24.6. The contribution of the sectors during 1950-91: Agriculture sector - 59.0% in 1950-51 and 34.9% in 1990-91. Industry sector - 13.0% in 1950-51 and 24.6% in 1990-91. Services sector - 28.0% in 1950-51 and 40.5% in 1990-91.

Sol.26.(c) Table Tennis. Poulomi Ghatak is an Indian table tennis player who has represented India in several international events, including the Olympics and the Commonwealth Games. Other sports personalities : Table Tennis - Manika Batra, Achanta Sharath Kamal, Kamlesh Mehta, Mouma Das, Sathiyan Gnanasekaran. Badminton - Pullela Gopichand, Saina Nehwal, PV Sindhu, Kidambi Srikanth, Prakash Padukone, etc.

Sol.27.(c) Golf. Gaurav Ghei is a professional Indian golfer. Other sports and its related persons: Golf - Aditi Ashok, Diksha Dagar, Tvesa Malik, Vani Kapoor, etc. Football - Sunil Chhetri, P.K. Banerjee, Subrata Pal, Bhaichung Bhutia, Jeje Lalpekhlua, Gurpreet Singh Sandhu, Sandesh Jhinghan, etc. Hockey - Harmanpreet Singh, P.R Sreejesh, Prithipal Singh, Shankar Lakshman, Randhir Singh Gentle, etc.

Sol.28.(b) France. Mallika Sarabhai (Bharatanatyam and kuchipudi dancer): Awards - Padma Bhushan (2010), Sangeet Natak Akademi Award (1999), French Palme D'or (1977) - The highest Civilian award in France.

Sol.29.(a) Ashwin Shekhar is India's first professional meteor scientist and an astrophysicist who works at the Institute of Celestial Mechanics in the Paris Observatory. International Astronomical Union: Formation - July 1919, Headquarters - Paris (France).

Sol.30.(c) West Bengal. States and Union Territories Having International Boundaries: Bhutan - Sikkim, West Bengal, Assam, Arunachal Pradesh. Pakistan - Jammu & Kashmir, Ladakh, Punjab, Rajasthan, Gujarat. Nepal - Uttarakhand, Uttar Pradesh, Bihar, West Bengal, Sikkim. China - Ladakh, Himachal Pradesh, Uttarakhand, Sikkim, Arunachal Pradesh. Afghanistan - Ladakh (POK region). Myanmar - Arunachal Pradesh, Nagaland, Manipur, Mizoram. Bangladesh - West Bengal, Meghalaya, Assam, Tripura, Mizoram.

Sol.31.(c) Inamgaon (Maharashtra). Ancient Sites and Rivers : Harappa - Ravi, Mohanjodaro - Indus, Lothal - Bhogava, Dholavira - Luni, Ropar - Sutlej.

Sol.32.(b) Definition of 'State'. Directive Principles of State Policy (Part IV) - Article 36 to 51. Fundamental Rights (Part III) - Article 12 to 35. Fundamental Duties (Part IV A) - Article 51A of the Constitution. Important Articles: Article 13 - Laws inconsistent with or in derogation of the fundamental rights. Article 14 - Equality before law. Article 15 - Prohibition of discrimination on grounds of religion, race, caste, sex or place of birth.

Sol.33.(c) solid. This is due to the rigid arrangement of particles in a solid, where the particles have a fixed average position and are closely packed. Gasses have neither a definite shape nor clear boundaries, as their particles are randomly arranged, widely spaced, and free to move. Liquids have clear boundaries, but not a definite shape, as their particles are close together, attracted to each other, but still have some freedom of movement.

Sol.34.(c) 1946. The Interim Government of India was formed on September 2, 1946, with Jawaharlal Nehru as the Vice President of the Executive Council (equivalent to the Prime Minister). Home Affairs, Information and Broadcasting - Sardar Vallabhbhai Patel (INC). Agriculture and Food - Rajendra Prasad (INC).

Sol.35.(c) Article 161. Other Important Articles: Article 163 - Council of Ministers to aid and advise the Governor. Article 164 - Other provisions as to Ministers. Article 165 - Advocate-General for the State. Article 166 - Conduct of business of the Government of a State. Article 167 - Duties of Chief Minister as respects the furnishing of information to the Governor, etc.

Sol.36.(b) Boxing. Vijender Singh is a professional Indian boxer who has won several accolades, including a bronze medal at the 2008 Beijing Olympics and multiple Commonwealth Games medals. Other Boxing players - Mary Kom, Lovlina Borgohain, Amit Panghal, Laishram Sarita Devi.

Sol.37.(a) Tamil Nadu. Kummi is a popular dance form performed by women, typically during festivals and celebrations, and is characterized by its simple footwork and rhythmic hand movements. Other folk dances of Tamil Nadu - Karakattam, Mayil Attam, Oyilattam, Karagam.

Sol.38.(b) three. India celebrates three national festivals: Independence Day (15th August) - Commemorates India's independence from British rule in 1947. Republic Day (26th January) - Marks the adoption of India's Constitution in 1950. Gandhi Jayanti (October 2nd) - Honors the birthday of Mahatma Gandhi (the father of the nation).

Sol.39.(a) Both A and B. A balanced budget means that the government's revenues equal its expenditures in a specific period. If the government needs to spend more, it can either increase revenue through taxes or other means,

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run a deficit, or use its accumulated surpluses (if any).

Sol.40.(c) Salman Rushdie. Salman Rushdie, the renowned Indian-British author, was awarded the prestigious German Peace Prize (Friedenspreis des Deutschen Buchhandels) in 2004. Books by Salman Rushdie: "Satanic Verses", "Midnight's Children", "Victory City", "The Moor's Last Sigh", "The Ground Beneath Her Feet: A Novel", "Shalimar the Clown: A Novel".

Sol.41.(a) $\frac{132}{69}$ of $\frac{23}{44}$ - $\frac{196}{28}$ × $\frac{14}{49}$

$\frac{132}{69} \times \frac{23}{44} - \frac{196}{28} \times \frac{14}{49}$

$\frac{3}{3} - \frac{4}{2} \Rightarrow 1 - 2 = -1$

Sol.42.(b)

Cost of 1 table = $\frac{10648}{22}$ = Rs. 484

Cost of 20 tables = 20 × 484 = Rs. 9680

Now, according to the question,

Cost of 25 chairs

= 9680 × $\frac{180}{100}$ = Rs. 17424

Hence, cost of 50 chairs

= 17424 × 2 = Rs. 34848

Sol.43.(b)

flour	:	sugar	:	butter
3	:	2	:	**2**
4	:	4	:	3
12	:	**8**	:	**6**

Hence, required ratio = 12 : 6 = 2 : 1

Sol.44.(a)

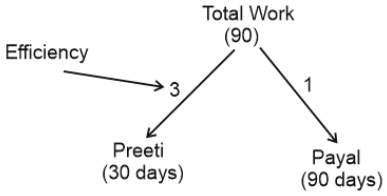
Let principal x and Rate = Time = R

According to the question,

$\frac{64}{81}x = \frac{x \times R \times R}{100} \Rightarrow (\frac{8}{9})^2 = (\frac{R}{10})^2$

$\frac{8}{9} = \frac{R}{10} \Rightarrow R = \frac{80}{9}$ = 8.88%

Sol.45.(d)



Work done by Payal in 18 days

= 18 × 1 = 18 unit

Remaining work = 90 - 18 = 72 unit

Now, time taken by Preeti to done remaining work = $\frac{72}{3}$ = 24 days

Sol.46.(c) 10 + 2 × (7 - 4) ÷ 2

10 + $\frac{2 \times (3)}{2} \Rightarrow$ 10 + 3 = 13

Sol.47.(a) According to the question,

$\frac{23 + 27 + 26 + 22 + C + D}{6}$ = 28

98 + C + D = 168 ⇒ C + D = 70

Hence, average of C and D = $\frac{70}{2}$ = 35

Sol.48.(b) U is 90% less than V

So, $\frac{U}{V} = \frac{1}{10}$

Now, V = 5400 × $\frac{113}{100}$ = 6102

V (10 unit) = 6102

So, U (1 unit) = 610.2

Sol.49.(c) SI = $\frac{P \times R \times T}{100}$

1120 = $\frac{P \times 8 \times 2}{100}$

Principal (P) = Rs. 7000

Now, for CI

Effective rate = 8 + 8 + $\frac{8 \times 8}{100}$ = 16.64%

So, CI = 7000 × 16.64% = Rs.1164.8

Sol.50.(c) HCF($\frac{4}{5}, \frac{3}{10}, \frac{7}{15}$)

= $\frac{HCF\,(4\,,3\,,7\,)}{LCM\,(5\,,10\,,15)} = \frac{1}{30}$

Sol.51.(c)

Discount = 1020 - 703.8 = 316.2

So, discount % = $\frac{316.2}{1020}$ × 100 = 31%

Sol.52.(a) a = 5cm , b = 4cm and c = 7cm

Now, semiperimeter of triangle (s)

= $\frac{5 + 4 + 7}{2}$ = 8 cm

By heron's formula

= $\sqrt{s(s-a)(s-b)(s-c)}$

= $\sqrt{8(8-5)(8-4)(8-7)}$

= $\sqrt{8(3)(4)(1)} = \sqrt{96} = 4\sqrt{6}$ cm²

Sol.53.(a)

Trains running in opposite directions

Then, relative speed

= (70 + 38) × $\frac{5}{18}$ = 30 m/sec

Hence, time taken by trains to cross each other = $\frac{380 + 160}{30}$ = 18 seconds.

Sol.54.(c) Let cost price = 100 unit

Then, marked price

= 100 × 125% = 125 unit

And, selling price

= 100 × 105% = 105 unit

So, discount % = $\frac{125 - 105}{125}$ × 100 = 16%

Sol.55.(c) Divisibility of 9 = sum of the digits of the number be divisible by 9

Now,

7547M = 7 + 5 + 4 + 7 + M = 23 + M

For M = 4 , 23 + M = 23 + 4 = 27

(divisible by 9)

Hence, M = 4

Sol.56.(b) SP of cooler

= 4500 × $\frac{118}{100}$ = Rs. 5310

Sol.57.(d) According to the question,

16CP = 18SP ⇒ CP : SP = 9 : 8

So, loss % = $\frac{1}{9}$ × 100 = 11.11%

Sol.58.(c) Total wickets taken by bowler in 28 matches = 28 × 12 = 336

Total wickets taken by bowler in first 14 matches = 14 × 12 = 168

Then, total wickets taken by bowler in last 14 matches = 336 - 168 = 168

Hence, required average = $\frac{168}{14}$ = 12

Sol.59.(d)

Ratio → $Karan$: $Vinod$

Efficiency → 240 : 100 = 12 : 5

Karan do the work in 34 days

Then, total work = 34 × 12 = 408 unit

So, time taken by both to complete the same work together = $\frac{408}{12 + 5}$ = 24 days

Sol.60.(c) Let numbers be $6x$ and $17x$

According to the question,

$6x + 17x = 92 \Rightarrow 23x = 92 \Rightarrow x = 4$

Hence, required difference = $11x = 44$

Sol.61.(b) slowed down

'Down' is the correct preposition. Hence, 'slowed down' is the most appropriate answer.

Sol.62.(d) Our situation is more better

'Better' is the correct comparative degree of 'good'. 'More' must be removed. Hence, 'Our situation is better' is the most appropriate answer.

Sol.63.(d) Take

The phrase 'take your time' means to do something carefully, without hurrying. Hence, 'take' is the most appropriate answer.

Sol.64.(a) off

'Call off' is a phrasal verb which means to cancel a plan or an event. The given passage states that the meeting has been cancelled because James is ill. Hence, 'off' is the most appropriate answer.

Sol.65.(b) drive by

Simple present tense is used to express a routine or a habit. The pronoun 'I' takes the plural form of the verb. Hence, 'drive

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by' is the most appropriate answer.

Sol.66.(b) I felt I am dying of weakness,
'Felt' must be replaced with 'feel' as the given sentence is in the present tenses. Hence, 'I feel I am dying of weakness,' is the most appropriate answer.

Sol.67.(d) Essential - absolutely necessary.
Extraneous - irrelevant or unrelated to the subject.
Maintaining - keeping something in good condition.
Balance - a situation in which different elements are equal or in the correct proportions.

Sol.68.(a) Cost an arm and a leg - be extremely expensive.
E.g.- The repairs to the car cost an arm and a leg, almost as much as buying a new one.

Sol.69.(d) exposur
'Exposure' is the correct spelling.

Sol.70.(a) round
'Round and round' is the correct phrase which means to move in a circle. Hence, 'round' is the most appropriate answer.

Sol.71.(c) Amateur - someone who does not have much skill in what they do.
Versatile - able to do many different things.
Varied- displaying a range of different types or qualities.
Adaptable - able to adjust to new conditions or situations.
Gifted- having natural talent or ability.

Sol.72.(c) Have ants in their pants - very restless about something.

Sol.73.(d) in the final momants of its landing.
'Moments' is the correct spelling.

Sol.74.(c) have a most good
'Best' is the correct superlative degree of 'good'. Article 'the' is used before a superlative degree. Hence, 'have the best' is the most appropriate answer.

Sol.75.(a) Upsetting- causing emotional disturbance or distress.
Offensive- causing someone to feel hurt, upset, or angry.
Dulcet- (especially of sound) sweet and soothing.
Merry - cheerful and lively.
Amusing - providing entertainment or enjoyment.

Sol.76.(a) rid
The phrase 'get rid of' means to remove something that you do not want. The given passage states that households these days resort to chemicals to get rid of rats. Hence, 'rid' is the most appropriate answer.

Sol.77.(b) unfavourable
'Unfavourable' means not good and likely to cause problems. The given passage states that the use of chemicals is making conditions unfavourable for the mongoose, snakes and owls. Hence, 'unfavourable' is the most appropriate answer.

Sol.78.(c) directly
'Directly' means without anything in between, straight from the source. The given passage states that the chemicals may not be consumed directly, but by feeding on rodents. Hence, 'directly' is the most appropriate answer.

Sol.79.(a) have been
The verb after relative pronoun 'that' is in the passive voice and the antecedent 'rodents' is plural. 'Plural subject + have been + V_3' is the correct passive structure of present perfect tense. Hence, 'have been' is the most appropriate answer.

Sol.80.(a) at
'At' is used to indicate a specific situation. The given passage states that these natural pest controllers in our backyards are at grave risk. Hence, 'at' is the most appropriate answer.

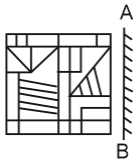
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SSC GD Constable
06/03/2024 (4th Shift)

Reasoning

Q.1. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure ?



(a) 
(b) 
(c) 
(d) 

Q.2. Which of the following groups of letters when sequentially placed from left to right will complete the given series?
tu_wtuvwtuvwt_vwtuvwt_v_
(a) vuuw (b) tutu (c) wvvt (d) wwuv

Q.3. Which of the following letter clusters will replace the question mark (?) in the given series ?
T, R, ?, N, L, J
(a) T (b) P (c) R (d) S

Q.4. In the following question, select the related pair from the given alternatives.
MO : MN :: ?
(a) UT : RQ (b) JR : EN
(c) DF : DE (d) KW : GT

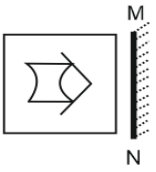
Q.5. Eight teachers Kamal, Abhi, Gopal, Hemlata, Rachit, Palak, Kajal and Luna are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Abhi is second to the left of Hemlata. Palak is third to the right of Hemlata. Gopal is second to the right of Kamal. Palak is second to the left of Kamal. Kajal is third to the left of Rachit. Who is sitting second to the left of Hemlata ?
(a) Rachit (b) Abhi (c) Palak (d) Luna

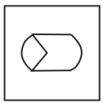
Q.6. In the following questions, select the missing number from the given series.
10, 12 ,14, 16, 18, ?
(a) 19 (b) 22 (c) 24 (d) 20

Q.7. By interchanging which two signs and two numbers (not digits) the equation will be correct ?
$5 + 9 - 3 \times 8 \div 2 = 10$
(a) × and +, 9 and 3 (b) ÷ and ×, 9 and 3
(c) + and –, 5 and 3 (d) × and ÷, 5 and 3

Q.8. If 10 A 6 B 8 C 14 = 22 and 8 A 3 B 9 C 7 = 9, then 65 A 30 B 20 C 10 = ?
(a) 95 (b) 100 (c) 85 (d) 80

Q.9. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.



(a) 
(b) 
(c) 
(d) 

Q.10. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

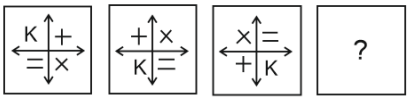


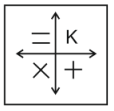
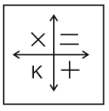
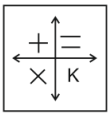
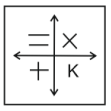
(a) 
(b) 
(c) 
(d) 

Q.11. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster and the second letter cluster is related to the first letter cluster.
YEN : XZDFMO :: KIT : JLHJSU :: JET : ?
(a) KIFDUS (b) USFDKI
(c) IKDFSU (d) DKIUSF

Q.12. In the following question, select the missing number from the given series.
0, 5, -8, 13, ?, 21
(a) -16 (b) -9 (c) -10 (d) 0

Q.13. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.14. In a certain code language, if SCARF is coded as CRFSA, SHIRT is coded as HRTSI, then what will SHOES be coded as ?
(a) HEOSS (b) HSESO
(c) ESHSO (d) HESSO

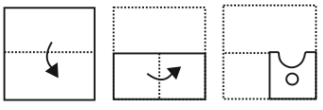
Q.15. In a certain code language, if CHOSEN is coded as BGNNES, CLIENT is coded as BKHTNE, then what will DEALER be coded as ?
(a) QDKZDC (b) CDZREL
(c) CDZKDQ (d) RELCDZ

Q.16. Five friends P, B, C, G and H are sitting around a circular table facing towards the centre. B is sitting to the immediate left of C. G and H are not the immediate neighbour of C. H is sitting second to the right of P. Who is sitting on the immediate left of G ?
(a) B (b) H (c) C (d) P

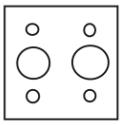
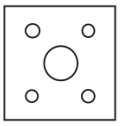
Q.17. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements :
I. Some fan are table.
II. All fan are kite.
Conclusions :
I. Some kite are table.
II. All table are fan.
III. All kite are fan.
(a) Only conclusion II follows
(b) Neither conclusion follows
(c) Only conclusion I follows
(d) Both conclusions I and III follows

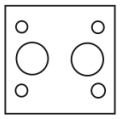
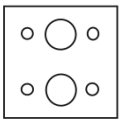
Q.18. Arrange the given words in the sequence in which they occur in the dictionary.
1. Exceed 2. Excise 3. Excite
4. Excess 5. Excel
(a) 1, 5, 2, 4, 3 (b) 5, 3, 4, 1, 2
(c) 1, 5, 4, 2, 3 (d) 5, 3, 4, 2, 1

Q.19. A piece of paper is folded and punched as shown below in the question figures. From the given options figures, indicate how it will appear when opened?



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(a)  (b) 

(c)  (d) 

Q.20. 'Q × R' means 'Q is the mother of R'
'Q + R' means 'Q is the husband of R'
'Q ÷ R' means 'Q is the daughter of R'
'Q - R' means 'Q is the brother of R'
How is S related to J in this expression 'S × Z - W ÷ J' ?
(a) Wife (b) Grandmother
(c) Wife's sister (d) Sister's daughter

General Awareness

Q.21. Indian Space Policy, 2023 sets the stage for _____ participation in the space industry.
(a) Non-government Organizations
(b) public sector
(c) private sector
(d) joint sector

Q.22. How many medals did India win in the ISSF World Championships 2023 at Baku ?
(a) 10 (b) 14 (c) 22 (d) 18

Q.23. This famous classical dancer and choreographer is known for popularizing the Odissi dance form and founding the Nrityagram dance village. Who is she ?
(a) Sonal Mansingh
(b) Protima Gauri
(c) Rukmini Devi Arundale
(d) Sanjukta Panigrahi

Q.24. _____, (born c.350 BC—died c. 290), ancient Greek historian and diplomat, is author of Indica.
(a) Megasthenes (b) Xuanzang
(c) James Legge (d) Seleucus I

Q.25. Which city hosted the 2023 Asian games ?
(a) Tokyo (b) Hangzhou
(c) Bangkok (d) Jakarta

Q.26. Which crops were primarily involved in the Green Revolution in India through the use of high-yielding variety (HYV) seeds ?
(a) Fruits and vegetables
(b) Wheat and rice
(c) Cotton and jute
(d) Pulses and oilseeds

Q.27. In any tennis game, first point is _____.
(a) 40 (b) 30 (c) 15 (d) 60

Q.28. _____ founded the Satyashodhak Samaj (Truth Seekers' Society) in 1873.
(a) Debendra Nath Tagore
(b) Dr. Atma Ram Pandurang
(c) Mahadev Govind Ranade
(d) Jyotiba Phule

Q.29. Rukmini Devi Arundale was associated with dance style ?
(a) Bharatanatyam (b) Sattriya
(c) Kuchipudi (d) Kathak

Q.30. Watt is the unit of _____.
(a) Resistance (b) Power
(c) Energy (d) Momentum

Q.31. The Nuakhai festival is mainly seen in which state ?
(a) Haryana (b) Odisha
(c) Rajasthan (d) Himachal Pradesh

Q.32. According to the Indian Constitution, Right against exploitation, prohibiting all forms of_____ and traffic in human beings.
(a) Work (b) Services
(c) Forced Labour (d) Labour

Q.33. India shares its land border with how many countries ?
(a) Seven (b) Six (c) Five (d) Eight

Q.34. With respect to trade and industry, what is 'SCOMET' ?
(a) New special economic zone
(b) Portal to list manufacturing items in e-market
(c) India's National Export Control List
(d) Framework for new trade policy in India

Q.35. What is the function of the Reserve Bank of India (RBI), with respect to monetary policy ?
(a) Issuing currency notes
(b) Regulating foreign trade
(c) Managing fiscal policy
(d) Collecting income taxes

Q.36. Who of the following was famous for Punjabi folk song and for singing a long breathless alaap ?
(a) Pranjal Dahiya
(b) Gurmeet Bawa
(c) Nimrat Khaira
(d) Sheenam Katholic

Q.37. In India, the Legal Services Authorities Act,_____ provides statutory status to the legal aid movement and it also provides for setting up of Legal Services Authorities at the Central, State and District levels.
(a)1983 (b)1985 (c)1981 (d)1987

Q.38. Who launched the 'Ayushman Bhava' campaign in 2023 ?
(a) Amit Shah (b) Droupadi Murmu
(c) Rahul Gandhi (d) Narendra Modi

Q.39. Which one is not the cause of Poverty ?
(a) Low level of productivity
(b) Slow growth of population
(c) Underdeveloped nature of economy
(d) State Policies

Q.40. Who among the following is the Director of the Ayushman Bharat Digital Mission appointed in January 2023 ?
(a) R. S. Sharma
(b) Rohit Kumar Sharma
(c) Sudhansh Pant
(d) Praveen Sharma

Quantitative Aptitude

Q.41. The ratio of cost price and selling price of a fan is 8 : 9 respectively. What is the profit percentage ?
(a) 18.5 percent (b) 35 percent
(c) 10 percent (d) 12.5 percent

Q.42. If X : Y = 8 : 5 and X - Y = 18, find the value of X + Y.
(a) 70 (b) 74 (c) 78 (d) 72

Q.43. Umesh's efficiency is 250 percent of Vikas's efficiency. If Umesh can complete a work in 70 days, then how many days will they together take to complete the same work ?
(a) 53 days (b) 45 days
(c) 62 days (d) 50 days

Q.44. The difference between cost price and selling price is Rs. 204. If loss percentage is 24 percent, then what is the selling price ?
(a) Rs. 716 (b) Rs. 608
(c) Rs. 650 (d) Rs. 646

Q.45. If the ratio of volume of two cubes is 64 : 343, then what is the ratio of the sides of the two cubes ?
(a) 5 : 7 (b) 3 : 5 (c) 4 : 7 (d) 7 : 9

Q.46. W and X can complete a work in 25 days and 75 days respectively. They began the work together but W left the work after some days and X completed the remaining work in 15 days. After how many days from the beginning W left the work ?
(a) 25 days (b) 20 days
(c) 17 days (d) 15 days

Q.47. Rs. 7700 is divided among A, B and C such that 4 times of A's share is equal to 2 times of B's share which is equal to 6 times of C's share. What is the share of

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B ?
(a) Rs.2100 (b) Rs.1400
(c) Rs.4200 (d) Rs.5600

Q.48. Find the value of 758 - [524 - {156 - (127 - 65 - 7)}]
(a) 445 (b) 355 (c) 335 (d) 425

Q.49. In a 50 over game of cricket, the team A scored only 3.6 runs per over in the first 15 overs. What should be the runs per over in the remaining 35 overs to reach the target of 299 runs ?
(a) 6.75 (b) 7.5 (c) 7 (d) 6.5

Q.50. The price of a camera decreases by 30%, and the new price is Rs. 2,100. What was the original price ?
(a) Rs. 3300 (b) Rs. 3700
(c) Rs. 3100 (d) Rs. 3000

Q.51. What is the value of
$\frac{23}{64}$ of $\frac{32}{46} \times \frac{44}{220} \div \frac{4}{80}$?
(a) 16 (b) 8 (c) 1 (d) 4

Q.52. A sum of Rs. 8000 becomes Rs. 21520 when invested in a scheme of simple interest. If the annual rate of interest and the number of years for which the sum was invested are same, then what is the annual rate of interest ?
(a) 15 percent (b) 14 percent
(c) 13 percent (d) 17 percent

Q.53. What is the value of 5200 ÷ 13 - 420 × 2 + 1300 ?
(a) 1420 (b) 860 (c) 1140 (d) 1260

Q.54. Ramesh walks at a speed of 6 km/hr covers a certain distance in 1 hour 30 minutes. If he runs at a speed of 8 km/hr, in what time he will cover the same distance ?
(a) 62.4 minutes (b) 67.5 minutes
(c) 74.5 minutes (d) 84 minutes

Q.55. What is the difference between a discount of 60% on ₹1000 and two successive of 30% and 40% on the same amount ?
(a) ₹25 (b) ₹20 (c) ₹30 (d) ₹32

Q.56. $\frac{2}{5}$ of marked price is equal to $\frac{3}{4}$ of selling price. What is the discount percent ?
(a) 25 percent (b) 46.66 percent
(c) 66.67 percent (d) 50 percent

Q.57. A person borrowed Rs. 10000 on compound interest at the rate of 20 percent per annum. If the interest is compounded half yearly, then what will be the amount to be paid after 1 year?
(a) Rs.14400 (b) Rs.12100
(c) Rs.14100 (d) Rs.15600

Q.58. Average age of 16 teachers is 58 years. After involving a new teacher in that group the average rises by 2 years. What is the age of the new teacher ?
(a) 90 years (b) 96 years
(c) 92 years (d) 88 years

Q.59. If the radius of a circle is decreased by 80 percent, then what will be the percentage decrease in the area of circle ?
(a) 92 percent (b) 150 percent
(c) 96 percent (d) 160 percent

Q.60. What is the value of (119 + 114 - 17) ÷ {6 × (12 + 3 of 2)} ?
(a) 4 (b) 2 (c) 1 (d) 8

English

Q.61. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
When I was a student, I used to visit the library frequent.
(a) library frequently
(b) library frequenter
(c) No improvement
(d) library more frequent

Q.62. Select the incorrectly spelt word from the given sentence.
Wet winters and hot, dry sumers tend to create better quality wine.
(a) winters (b) create
(c) sumers (d) quality

Q.63. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
After the earthquake, the pavement was crack with deep fissures.
(a) was cracked (b) has cracking
(c) No improvement (d) was cracks

Q.64. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
I have to does my taxes this weekend.
(a) has to does (b) have to do
(c) No improvement (d) have to done

Q.65. Select the most appropriate synonym of the given word.
Analytical
(a) Examining (b) Pretending
(c) Cursory (d) Chaotic

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
He straightened up in the seat and taken a sip of his cold coffee.
(a) No error
(b) the seat and taken a sip
(c) of his cold coffee.
(d) He straightened up in

Q.67. What does the idiom "the ball is in your court" mean ?
(a) A very small part of something big or whole
(b) The situation or decision is now up to you
(c) A sceptic who needs physical or personal evidence in order to believe something.
(d) Anything that is common and easy to get.

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
I feel nothing but sadly in his absence.
(a) but sadly (b) in his absence.
(c) No error (d) I feel nothing

Q.69. The sentence has been divided into three parts, identify the segment which contains a spelling error in the sentence given below. Choose no error if there is no error in the sentence.
Her impeccable spelling and attention to detail in/her writing made it clear that she had a/ strong grasp of proper spelling and grammar.
(a) Her impeccable spelling and attention to detail in
(b) Strong grasp of proper spelling and grammar.
(c) no error
(d) Her writing made it clear that she had a

Q.70. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
A slap on the wrist
(a) A humble request
(b) A real awakening
(c) A very mild punishment
(d) A disorganised person

Q.71. Select the most appropriate option for the given blank.
Your brother is _____so many talents.
(a) sticked with (b) blessed with
(c) adorned with (d) parted by

Q.72. Find the part of the given sentence that has an arrow in it. If there is no error, choose 'No error'.
Posts on social media that did riddled with spelling and grammatical errors are prime suspects for inaccuracies.
(a) No error
(b) are prime suspects for inaccuracies.
(c) Posts on social media that did riddled

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(d) with spelling and grammatical errors

Q.73. Select the most appropriate option for the given blank.
We all need to _____ electricity in order to build a better life for tomorrow.
(a) Lay (b) Put (c) Save (d) Keep

Q.74. Select the most appropriate word to fill in the blank.
He tried to sing the anthem, but it was _____ epic fail.
(a) No article (b) a (c) the (d) an

Q.75. Select the most appropriate antonym of the given word.
Impelled
(a) Irresolute (b) Limelight
(c) Allure (d) Agape

Cloze Test :
Direction :- [Q.76. to Q.80.]
Beekeepers are also (76)_____bee farmers or apiarists. The term beekeeper refers to a person (77)_____keeps honey bees in bee hives (bee boxes) and has (78)_____ in beekeeping or acquired skills in the maintenance of bee colonies and extracting hive (79)_____. Beekeeper may be landless and can be a literate or (80)_____ person.

Q.76. (a) call (b) called
(c) calls (d) calling

Q.77. (a) that (b) who
(c) whom (d) which

Q.78. (a) knowledge (b) partake
(c) suspicion (d) sedition

Q.79. (a) products (b) features
(c) data (d) information

Q.80. (a) dynamite (b) whimsical
(c) surgical (d) illiterate

Answer Key :-

1.(b)	2.(a)	3.(b)	4.(c)
5.(b)	6.(d)	7.(a)	8.(c)
9.(b)	10.(b)	11.(c)	12.(a)
13.(a)	14.(d)	15.(b)	16.(d)
17.(c)	18.(c)	19.(a)	20.(a)
21.(c)	22.(b)	23.(b)	24.(a)
25.(b)	26.(b)	27.(c)	28.(d)
29.(a)	30.(b)	31.(b)	32.(c)
33.(a)	34.(c)	35.(a)	36.(b)
37.(d)	38.(b)	39.(b)	40.(d)
41.(d)	42.(c)	43.(d)	44.(d)
45.(c)	46.(d)	47.(c)	48.(c)
49.(c)	50.(d)	51.(c)	52.(c)

53.(b)	54.(b)	55.(b)	56.(b)
57.(b)	58.(c)	59.(c)	60.(b)
61.(a)	62.(c)	63.(a)	64.(b)
65.(a)	66.(b)	67.(b)	68.(a)
69.(c)	70.(c)	71.(b)	72.(c)
73.(c)	74.(d)	75.(a)	76.(b)
77.(b)	78.(a)	79.(a)	80.(d)

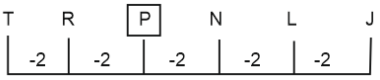
Solutions :-

Sol.1.(b)



Sol.2.(a)
tu**v**w tuvw / tuvw / t**u**vw / tuvw / t**u**v**w**

Sol.3.(b)

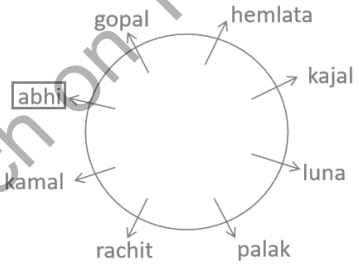


Sol.4.(c)

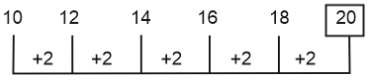


Similarly

Sol.5.(b)



Sol.6.(d)



Sol.7.(a)
Given:- $5 + 9 - 3 \times 8 \div 2 = 10$
After going through all the options, option 'a' satisfy.Interchanging × with + and 9 with 3, the given equation satisfies.
$\Rightarrow 5 \times 3 - 9 + 8 \div 2 = 10$
$\Rightarrow 15 - 9 + 4 = 10$
$\Rightarrow 10 = 10\ (LHS = RHS)$

Sol.8.(c) Logic: Interchanging A, B, and C with +, - , and + respectively, we get
10 A 6 B 8 C 14 = 22
⇒ 10 + 6 - 8 + 14 ⇒ 16 + 6 = 22
⇒ 8 A 3 B 9 C 7 = 9
8 + 3 - 9 + 7 ⇒ 11 - 2 = 9
Similarly,
⇒ 65 A 30 B 20 C 10
65 + 30 - 20 + 10 ⇒ 95 - 10 = 85

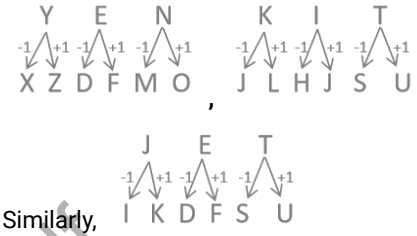
Sol.9.(b)



Sol.10.(b)

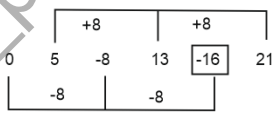


Sol.11.(c)

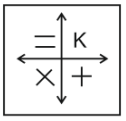


Similarly,

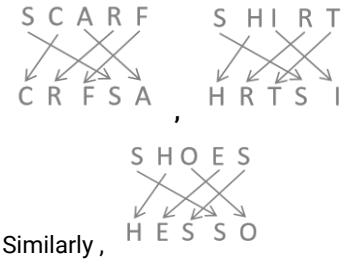
Sol.12.(a)



Sol.13.(a)

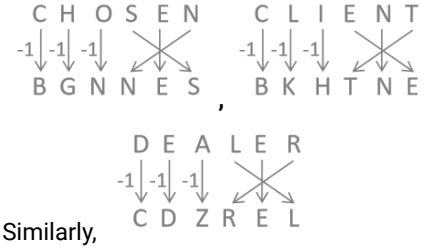


Sol.14.(d)



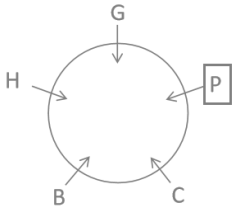
Similarly ,

Sol.15.(b)



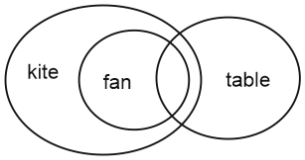
Similarly,

Sol.16.(d)



Sol.17.(c)

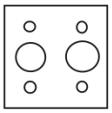
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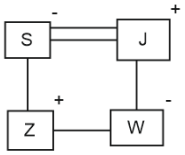
As we can see, only conclusion I follows.

Sol.18.(c) The correct order is:
Exceed(1)→Excel(5)→Excess(4)→ Excise(2) → Excite(3)

Sol.19.(a)



Sol.20.(a)



S is the wife of J.

Sol.21.(c) private sector. The Indian Space Policy, 2023, aims to increase private sector participation in the space industry, promoting collaboration, innovation, and commercialization. It provides a framework for private companies to contribute to space technology development, space tourism, and other space-related activities, thus fostering a more inclusive and dynamic space ecosystem in India.

Sol.22.(b) 14. ISSF World Championships 2023 : The most medals won by China, with a total of 28 medals (15 Gold, 7 Silver, and 6 Bronze). The runner-up is Ukraine with 12 medals (6 Gold, 4 Silver, and 2 Bronze), and India secured third place with 14 medals (6 Gold and 8 Bronze). Host nation - Azerbaijan.

Sol.23.(b) Protima Gauri. Sanjukta Panigrahi (Odissi) : Awards - Padma Shri (1975), Sangeet Natak Akademi Award (1976). Sonal Mansingh (Bharatanatyam and Odissi) : Awards - Padma Bhushan (1992), Padma Vibhushan (2003). Rukmini Devi Arundale (Bharatanatyam) : Awards - Padma Bhushan (1956), Sangeet Natak Akademi Award (1957).

Sol.24.(a) Megasthenes : He was an ambassador who was sent to the court of Chandragupta Maurya by the Greek ruler, Seleucus Nicator**.** Xuanzang was a Chinese monk and traveler. He wrote Si-Yu-Ki. Important Books and Authors: "Gathasaptashati" - Hala, "Geographica" - Strabo, "Periplus of the Erythraean Sea" - William H Schoff, "Kathasaritsagara" - Somadeva, "Mudrarakshasa" - Vishakhadatta, "Rajtarangini" - Kalhana.

Sol.25.(b) Hangzhou. Asian Games : Organised by the Olympic Council of Asia (OCA) after every 4 years. Headquarters - Kuwait. India hosted the first Asian Games in 1951 (New Delhi) and the second time in 1982 (New Delhi). 20th Asian Games (2026) will be held in Nagoya (Japan). Thailand (Bangkok) - Hosted the most number of Asian Games (1966, 1970, 1978 and 1998). South Korea hosted three times (1986, 2002 and 2014).

Sol.26.(b) Wheat and rice. The Green Revolution in India started in the 1960s with the aim of increasing India's agricultural production to make India self-sufficient in food grains. Indira Gandhi released a special stamp entitled 'Wheat Revolution' in July 1968. The Wheat Revolution (Green Revolution) was initiated under the Third Five Year Plan (1961-66) by introducing high-yielding varieties of rice and wheat. Father of the Green Revolution in India - M S Swaminathan.

Sol.27.(c) 15. Dimensions of Table-tennis (ping-pong/whiff-whaff) table - 2.74 meters long, 1.525 m wide, and 0.76 m high. Table tennis was first played as an Olympic sport at the 1988 Summer Olympics in Seoul. The name table tennis was adopted in 1921–22. Table tennis was founded by David Foster. Players - Sharath Kamal Achanta, Ma Long, Manika Batra, Liu Guoliang.

Sol.28.(d) Jyotiba Phule (social activist)**.** Satyashodhak Samaj's aim was to access social rights and civil liberties for people of lower castes, underprivileged and women. Jyotiba Phule - Established the first school for girls in India in Pune in 1848. Dalit term was first used by him. Literary Works: "Gulamgiri (Slavery)" and "Shetkarayacha Aasud (Cultivator's Whipcord)". Savitribai Phule (wife of Jyotiba Phule) - First female teacher of India.

Sol.29.(a) Bharatanatyam. Rukmini Devi Arundale was the first woman in Indian history to be nominated as a member of the Rajya Sabha. Other Exponents of Bharatanatyam - Mallika Sarabhai, Yamini Krishanmurthy, Padma Subrahmanyam, Alarmel Valli, Saroja Vaidyanathan, C. Geeta Chandran , C. V. Chandrasekhar, Bala Devi Chandrashekar, Sucheta Bhide Chapekar, Meenakshi Chitharanjan.

Sol.30.(b) Power (P) is the rate at which energy (E) is transferred or converted from one form to another. It is a scalar quantity. It is calculated as : Power (P) = Energy (E)/Time (t), where P is the power in watts (W), E is the energy in joules (J), t is the time in seconds (s). The SI unit of resistance is ohm (Ω). The SI unit of Energy is joule (J). The SI unit of Momentum is $kg\text{-}m\text{-}s^{-1}$.

Sol.31.(b) Odisha. Nuakhai - It is an agricultural festival. Famous festivals of Odisha: Nabakalebara, Bali Jatra, Dhanu Yatra, Eco Retreat, Sume-Gelirak, Konark dance festival, Nuakhai (harvest festival), Raja Parba, Chatar Jatra etc. Agricultural festivals in other states: Pola (Maharashtra), Nuakhai (Odisha), Onam (Kerala), Wangala (Meghalaya by Garos tribe).

Sol.32.(c) Forced Labour. The Right against Exploitation is a fundamental right in the Indian Constitution that protects individuals from various forms of exploitation. Related Articles: Article 23 - Prohibition of traffic in human beings and forced labour. Article 24 - Prohibition of employment of children in factories, etc.

Sol.33.(a) Seven. India has 15,106.7 Km of land border and a coastline of 7,516.6 Km including island territories. India shares its land border with Bangladesh (4,096.7 km), China (3,488 km), Pakistan (3,323 km), Nepal (1,751km), Myanmar (1,643 km), Bhutan (699 km), Afghanistan (106 km). India has two neighbouring island countries - Sri Lanka and Maldives.

Sol.34.(c) India's National Export Control List. SCOMET stands for Special Chemicals, Organisms, Materials, Equipment, and Technologies. It's a list of dual-use items regulated by the Government of India for export control purposes. The SCOMET list includes various categories of goods, technologies, chemicals, and organisms that have both civilian and military applications.

Sol.35.(a) Issuing currency notes. RBI (Reserve Bank of India) : Establishment - 1st April 1935, Headquarter - Mumbai. Functions of RBI : It implements and monitors the monetary policy and ensures price stability, Manager of Foreign Exchange, Issuer of Currency, Financial Inclusion. 1st Governor - Sir Osborn Smith. 1st Indian Governor - C.D. Deshmukh.

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Sol.36.(b) Gurmeet Bawa. She was known as Lambi hek di malika. She was the first Punjabi female singer to sing on Indian public service broadcaster, Doordarshan. Award: Padma Bhushan (2022).

Sol.37.(d) 1987. The National Legal Services Authority (NALSA) has been constituted under the Legal Services Authorities Act, 1987 to provide free Legal Services to the weaker sections of the society and to organize Lok Adalats for amicable settlement of disputes. Article 39A - Equal justice and free legal aid.

Sol.38.(b) Droupadi Murmu. The Ayushman Bhavah campaign is a country-wide initiative of the Ministry of Health and Family Welfare (MoHFW). Ayushman Bhava is an initiative with the objective to saturate all healthcare schemes. Stalls were set up to provide health services like ABHA (Health ID), Ayushman Bharat Golden Card, Health ID Generation, NCD screening, IMI campaigning were kept available for the general public.

Sol.39.(b) Slow growth of population. Rural poverty often stems from limited access to markets, education, quality infrastructure, employment opportunities, health, and financial products. Causes of urban poverty are Large Scale of Rural-Urban Migration, Lack of Skills, Indebtedness, Inflation, etc.

Sol.40.(d) Praveen Sharma. Ayushman Bharat Digital Mission connects the digital health solutions of hospitals across the country with each other. The Mission not only makes the processes of hospitals simplified but also increases ease of living. The Digital Ecosystem also enables a host of other facilities like Digital Consultation, Consent of patients in letting medical practitioners access their records, etc. With the implementation of this scheme, old medical records cannot get lost as every record will be stored digitally.

Sol.41.(d) Ratio of CP and SP = 8 : 9

Profit % = $\frac{9-8}{8} \times 100 = 12.5\%$

Sol.42.(c) Let the X and Y = 8a and 5a

8a - 5a = 18 ⇒ a = 6

So the value of X and Y = 48 and 30

Then X + Y = 48 + 30 = 78

Sol.43.(d)

Ratio - umesh : vikash

Efficiency - 5 : 2

Total work = 5 × 70 = 350 units

Required time = $\frac{350}{5+2}$ = 50 days

Sol.44.(d) According to the question,

(difference) 24% = 204

(CP) 100% = $\frac{204}{24} \times 100 = 850$

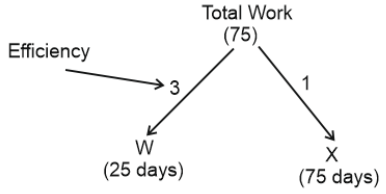
SP = $850 \times \frac{100-24}{100}$ = 646 Rs

Sol.45.(c) Volume of cube = $side^3$

Side ratio of the cubes = $\sqrt[3]{64} : \sqrt[3]{343}$

= 4 : 7

Sol.46.(d)



Work done by X in 15 days

= 1 × 15 = 15 units

Remaining works = 75 - 15 = 60 units

60 units work done by W and X initially

= $\frac{60}{3+1}$ = 15 days

Required days = 15

Sol.47.(c) According to the question,

4A = 2B = 6C

On compare of A and B

$\frac{A}{B} = \frac{2}{4} = \frac{1}{2}$

On compare of B and C

$\frac{B}{C} = \frac{6}{2} = \frac{3}{1}$

Ratio - A : B : C

1 : 2 : **2**

3 : 3 : 1

Final - 3 : 6 : 2

Share of B = $7700 \times \frac{6}{(3+6+2)}$

= 4200 Rs

Sol.48.(c)

758 - [524 - {156 - (127 - 65 - 7)}]

$758 - [524 - \{156 - 55\}]$

$758 - [524 - 101] \Rightarrow 758 - 423 = 335$

Sol.49.(c)

Runs in first 15 overs = 15 × 3.6 = 54

Remaining runs to reach target = 299 - 54 = 245

Remaining over = 35

Run rate = $\frac{Run's\ scored}{overs\ faced}$

Required run rate = $\frac{245}{35}$ = 7

Sol.50.(d) Original price of the camera

= $2100 \times \frac{10}{7}$ = 3000 Rs

Sol.51.(c) $\frac{23}{64}\ of\ \frac{32}{46} \times \frac{44}{220} \div \frac{4}{80}$

$\frac{1}{2} \times \frac{1}{2} \times \frac{44}{220} \times \frac{80}{4}$

$\frac{1}{4} \times \frac{11}{11} \times \frac{4}{1} = 1$

Sol.52.(c) According to the question,

Let the time and rate = a

SI = $\frac{p \times r \times t}{100}$

SI = 21520 - 8000 = 13520

13520 = $\frac{8000 \times a \times a}{100}$

a^2 = 169 ⇒ a = 13

So the rate will be 13%

Sol.53.(b)

$5200 \div 13 - 420 \times 2 + 1300$

$400 - 840 + 1300 \Rightarrow 1700 - 840$

= 860

Sol.54.(b) Distance = speed × time

Distance = 6 × 1.5 = 9 km

Required time = $\frac{9}{8} \times 60$ = 67.5 min.

Sol.55.(b)

(i) 60% discount = $1000 \times \frac{40}{100}$ = 400

(ii) two successive discount of 30% and 40% = $1000 \times \frac{7}{10} \times \frac{3}{5}$ = 420

Required difference = 420 - 400 = 20 Rs

Sol.56.(b) According to the question,

MP × $\frac{2}{5}$ = SP × $\frac{3}{4}$

$\frac{MP}{SP} = \frac{15}{8}$

discount% = $\frac{15-8}{15} \times 100 = 46.66\%$

Sol.57.(b) Rate is half yearly,

So, time = 2 cycle of 6 - 6 month

Rate = 10%

Ratio - before : after

$(10)^2$: $(11)^2$

Final - 100 : 121

100 units = 10000

(Amount) 121 units = $\frac{10000}{100} \times 121$

= 12100

Sol.58.(c) New Teacher's age

= 58 + (17 × 2) = 92 years

Sol.59.(c)

Ratio - before : after

Radius - 5 : 1

Area's ratio - 25 : 1

Decrease % = $\frac{25-1}{25} \times 100 = 96\%$

Sol.60.(b)

(119 + 114 - 17) ÷ {6 × (12 + 3 of 2)}

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$(233 - 17) \div \{6 \times (12 + 6)\}$
$(216) \div \{6 \times 18\} \Rightarrow 216 \div 108 = 2$

Sol.61.(a) library frequently
The given sentence needs the adverb 'frequently' to modify the verb 'visit', not the adjective 'frequent'. Hence, 'library frequently' is the most appropriate answer.

Sol.62.(c) sumers
'Summers' is the correct spelling.

Sol.63.(a) was cracked
Adjective is used after the stative verbs. 'Cracked' is a past participle acting as an adjective. Hence, 'was cracked' is the most appropriate answer.

Sol.64.(b) have to do
'To + V_1', also known as infinitive, is the correct grammatical structure. Hence, 'have to do(V_1)' is the most appropriate answer.

Sol.65.(a) **Examining-** looking at something carefully to understand or inspect it.
Analytical- using logical reasoning or detailed examination to understand something.
Pretending- acting as if something is true or real when it is not.
Cursory- done quickly and without thorough attention to detail.
Chaotic- completely disorganized or in a state of confusion.

Sol.66.(b) the seat and taken a sip
The given sentence is in the past tense(straightened), so it must have the verb in the past form(V_2). Hence, 'the seat and took (V_2) a sip' is the most appropriate answer.

Sol.67.(b) **The ball is in your court-** the situation or decision is now up to you.
E.g.- I've made my offer, and now the ball is in your court to accept or decline it.

Sol.68.(a) but sadly
'Feel' is a stative verb and we use an adjective after stative verbs. Therefore, the adverb 'sadly' must be replaced with the adjective 'sad'. Hence, 'but sad' is the most appropriate answer.

Sol.69.(c) no error
All spellings are correct.

Sol.70.(c) **A slap on the wrist-** a very mild punishment.
E.g.- After breaking the rules, he only got a slap on the wrist, with just a warning instead of a fine.

Sol.71.(b) blessed with
'Blessed with' means to be lucky to have something. The given sentence states that your brother is lucky to have so many talents. Hence, 'blessed with' is the most appropriate answer.

Sol.72.(c) Posts on social media that did riddled
'Did' must be replaced with 'are' as the correct passive structure of simple present tense is 'Is/am/are + V_3'. 'Are' will be used according to the plural antecedent 'posts'. Hence, 'Posts on social media that are riddled' is the most appropriate answer.

Sol.73.(c) Save
The given sentence states that we all need to save electricity in order to build a better life for tomorrow. Hence, 'save' is the most appropriate answer.

Sol.74.(d) an
Article 'an' is used before words beginning with a vowel sound. For example :- an apple, an idea, an American, etc. The word 'epic' begins with a vowel sound. Hence, 'an' is the most appropriate answer.

Sol.75.(a) **Irresolute-** unable to make a decision.
Impelled- forced to take action.
Limelight- public attention or focus
Allure- the power to attract or charm.
Agape- with mouth wide open in surprise or wonder.

Sol.76.(b) called
The third form of the verb, (V_3) is used in the passive voice. Hence, 'called(V_3)' is the most appropriate answer.

Sol.77.(b) who
'Who' is used for a person. Hence, 'who' is the most appropriate answer.

Sol.78.(a) knowledge
The given passage states that the term beekeeper refers to a person who keeps honey bees in bee hives (bee boxes) and has knowledge in beekeeping. Hence, 'knowledge' is the most appropriate answer.

Sol.79.(a) products
The given passage states that the term beekeeper refers to a person who has acquired skills in the maintenance of bee colonies and extracting hive products. Hence, 'products' is the most appropriate answer.

Sol.80.(d) illiterate
'Illiterate' means not literate or capable of reading and writing. The given passage states that beekeeper may be landless and can be a literate or illiterate person. Hence, 'illiterate' is the most appropriate answer.

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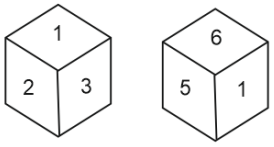
SSC GD Constable
07/03/2024 (1st Shift)

Reasoning

Q.1. In the following question, select the missing number from the given series.
712, 726, 740, 754, 768, ?
(a) 785 (b) 782 (c) 790 (d) 788

Q.2. In the following question, select the related letters from the given alternatives.
PTY : TYP :: CGK : ?
(a) LMN (b) GKC (c) BCD (d) ZAB

Q.3. Two different positions of the same dice are given below. Find the number opposite of '2'.

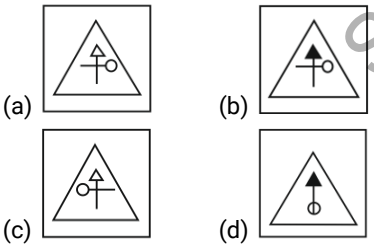


(a) 1 (b) 6 (c) 5 (d) 3

Q.4. 'I × J' means 'I is the wife of J'
'I + J' means 'I is the husband of J'
'I ÷ J' means 'I is the sister of J'
'I – J' means 'I is the brother of J'
How is K related to M in the expression '$K - L \div M + N$' ?
(a) Son (b) Brother (c) Husband (d) Father

Q.5. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.





Q.6. If 10 @ 5 # 15 * 5 = 2 and 25 @ 6 # 4 * 2 = 17 , then 30 @ 10 # 20 * 4 = ?
(a) 40 (b) 15 (c) 25 (d) 30

Q.7. Six friends Olivia, Peter, Rachel, Sam, Toby, and Victoria are sitting around a circular table facing the center. Olivia is sitting to the immediate right of Peter. Peter and Toby are neighbours. Sam is not sitting next to Rachel or Toby. Victoria is sitting to the immediate right of Sam. Who is the immediate neighbour of both Sam and Rachel ?
(a) Toby (b) Olivia (c) Victoria (d) Peter

Q.8. Which of the following numbers will replace the question mark (?) in the given series ?
15,17, 21, 29, 45, ?
(a) 77 (b) 64 (c) 84 (d) 58

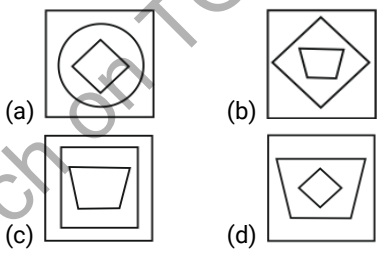
Q.9. Arrange the given words in the sequence in which they occur in the dictionary.
1. Bandit 2. Banana 3. Bangle
4. Band 5. Bank
(a) 2,4,1,5,3 (b) 2,4,1,3,5
(c) 5,4,3,1,2 (d) 5,4,3,2,1

Q.10. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
d_eeffggddeeffggdde _ ffggddeeffggddeef_ g _
(a) deff (b) ddee (c) defg (d) degf

Q.11. In the following question, select the related letter pair from the given alternatives.
BF : BG : : ?
(a) BQ : QS (b) UW : UX
(c) AB : NC (d) AC : NO

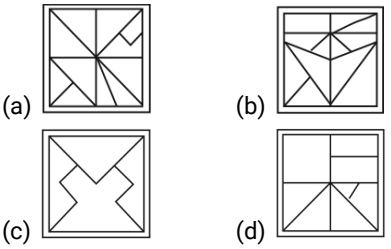
Q.12. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



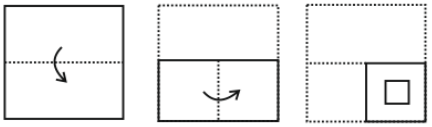


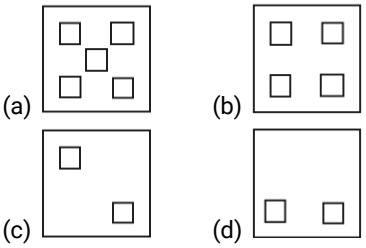
Q.13. From the given option figures, select the one in which the question figure is hidden/embedded. (rotation is NOT allowed)





Q.14. A paper is folded and cut as shown below. How will it appear when unfolded ?





Q.15. In a certain code language, if 'NATURE' is coded as 'MASUQE', CIRCLE is coded as 'BIQCKE', then what will 'DANGER' be coded as ?
(a) HSDGKA (b) CAMGDR
(c) BALGCR (d) DBNHES

Q.16. In a certain code language, 'TOPIC' is coded as 'WRSLF'. What is the code for 'VIDEO' in that code language ?
(a) YLGHS (b) YLGIR (c) YLGHR (d) YLGIS

Q.17. Which of the following letter clusters will replace the question mark (?) in the given series ?
VD, TF, RH, PJ, ?
(a) NO (b) MK (c) MN (d) NL

Q.18. After interchanging the given two signs what will be the values of equation (I) and (II) respectively ?
× and ÷
I. $16 \div 4 - 8 \times 2 + 7$
II. $8 \div 4 - 9 \times 3 + 8$
(a) 67 and 37 (b) 40 and 50
(c) 8 and 9 (d) 16 and 18

Q.19. Six colleagues Victor, Wendy, Xander, Yara, Zoe, and Aaron are sitting in a circle facing away from the center. Victor is sitting to the immediate right of Wendy. Yara is not sitting next to Victor. Zoe, who is sitting to the immediate left of Wendy, is also sitting to the immediate right of Aaron. Who is the immediate neighbour of both Xander and Wendy ?
(a) Victor (b) Aaron (c) Zoe (d) Yara

Q.20. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statement I : Some musicians are guitarists.
Statement II : All guitarists are performers.
Conclusion I : Some performers are guitarists.
Conclusion II : Some musicians are not performers.
(a) Neither conclusion I nor II follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Only conclusion I follows

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General Awareness

Q.21. Which of the following statements is correct regarding measures of money supply ?
I. M1 and M2 are known as narrow money.
II. M3 and M4 are known as broad money.
(a) Only I (b) Both I and II
(c) Neither I nor II (d) Only II

Q.22. From which state, 'Pongal' festival belongs ?
(a) Haryana (b) Bihar
(c) Tamil Nadu (d) Assam

Q.23. Which of the following musicians have won the DadaSaheb Phalke Award ?
(a) Md. Rafi (b) A.R Rahman
(c) Kishore Kumar (d) Gulzar

Q.24. Which team has won the Ranji Trophy maximum number of times ?
(a) Mumbai (Bombay) (b) Tamil Nadu
(c) Karnataka (d) Delhi

Q.25. In the periodic table, which group consists of elements known as the noble gases ?
(a) Group 1 (b) Group 7
(c) Group 17 (d) Group 18

Q.26. How many questions were asked in the 2011 Census of India ?
(a) 21 Questions (b) 29 Questions
(c) 33 Questions (d) 25 Questions

Q.27. Identify the ancient site from the information given below:
This is an old site with caves and rock shelters. People chose these natural caves because they provided shelter from the rain, heat and wind. These rock shelters are close to the Narmada valley.
(a) Bhimbetka (b) Bhramagiri
(c) Mehrgarh (d) Inamgaon

Q.28. Mukhyamantri Gramin Gaadi Yojna was launched by which state of India ?
(a) Jharkhand (b) Delhi
(c) Odisha (d) West Bengal

Q.29. In 2022, Indian-born entrepreneur _____ has been elected as the first representative of the Indian community in Germany
(a) Rajveer Singh Randhawa
(b) T.S.Tirumurti
(c) Ruchira Kamboj
(d) Gurdeep Singh Randhawa

Q.30. The Grand Cross of the Order of Honor was conferred on _____ in August 2023.
(a) President Draupadi Murmu
(b) Foreign Minister S.Jayshankar
(c) Home Minister Amit Shah
(d) Prime Minister Narendra Modi

Q.31. India shares the longest land border with _____ .
(a) Nepal (b) Bangladesh
(c) Pakistan (d) Sri Lanka

Q.32. In October 2023, who did 24 - year - old Indian grandmaster Karthikeyan Murali defeat in a chess match ?
(a) Levon Aronian
(b) Magnus Carlsen
(c) Viswanathan Anand
(d) Vladimir Kramnik

Q.33. The planned economic development in India began in which of the following years ?
(a) 1991 (b) 1961 (c) 1951 (d) 1978

Q.34. The theme of the Twelfth five year plan of India was _____ .
(a) Economic liberalization
(b) Towards Faster and More Inclusive Growth
(c) Growth with social justice and equality
(d) Faster, Sustainable, and More Inclusive Growth

Q.35. Which of the following dance form is wedded with Hindustani music school ?
(a) Kathak (b) Bharatnatyam
(c) Sattriya (d) Kathakali

Q.36. First Asian Games were held in New Delhi, India in the year of:
(a) 1970 (b) 1982 (c) 1999 (d) 1951

Q.37. The Veda Samaj was established in _____ .
(a) Calcutta (b) Punjab
(c) Madras (d) Bombay

Q.38. In Volleyball, if the game is tied at _____ in the fifth set, the set continues till one team builds a two-point lead over the other.
(a) 20 - 20 (b) 24 - 24
(c) 11 - 11 (d) 14 - 14

Q.39. Which body in India is responsible for safeguarding and promoting the rights of consumers and ensuring consumer protection ?
(a) National Commission for Women (NCW)
(b) National Human Rights Commission (NHRC)
(c) Central Bureau of Investigation (CBI)
(d) National Consumer Disputes Redressal Commission (NCDRC)

Q.40. Which of the following parts of the Indian Constitution deals with Official language ?
(a) Part XIX (b) Part XVIII
(c) Part XVII (d) Part XVI

Quantitative Aptitude

Q.41. The traffic lights at three different crossings change after 30 seconds, 40 seconds, and 60 seconds respectively. Then in 30 min how many times will they change simultaneously ?
(a) 15 (b) 13 (c) 18 (d) 19

Q.42. Sahil bought toffees at 12 for a rupee. How many toffees for a rupee he should sell to gain 20% ?
(a) 15 (b) 10 (c) 14 (d) 18

Q.43. If Selling price of an article is Rs. 2800 and Marked price is Rs. 4000. What is the discount percentage ?
(a) 20 (b) 30 (c) 15 (d) 25

Q.44. P got 20 percent less marks than Q . R got 20 percent less marks than Q . If R got 160 marks, then what are the marks of P ?
(a) 160 (b) 180 (c) 120 (d) 150

Q.45. What is the Highest Common Factor of $\frac{4}{11}$ and $\frac{16}{33}$?
(a) $\frac{4}{33}$ (b) $\frac{4}{77}$ (c) $\frac{2}{11}$ (d) $\frac{2}{33}$

Q.46. If a certain sum of money becomes double of itself in 8 years 6 months at simple interest, then what will be the annual rate of interest ?
(a) 13.92 percent (b) 14.28 percent
(c) 12.84 percent (d) 11.76 percent

Q.47. M can do a piece of work in $\frac{39}{2}$ days and N in $\frac{13}{2}$ days. How many days will both take together to complete the work ?
(a) $\frac{20}{3}$ days (b) 22 days
(c) $\frac{47}{5}$ days (d) $\frac{39}{8}$ days

Q.48. C is four times as efficient as D. C takes 63 days less than D to complete a work. If both of them work together, then in how many days will the same work be completed ?
(a) 16.8 days (b) 50.8 days
(c) 80 days (d) 75.5 days

Q.49. If the side of a square is increased by 5 percent, then what will be the percentage increase in its perimeter ?
(a) 10 percent (b) 5 percent
(c) 20 percent (d) 40 percent

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Q.50. What will be the average of all the odd numbers between 8 and 28 ?
(a) 17 (b) 21 (c) 18 (d) 19

Q.51. If a : b = 4 : 5 and b : c = 3 : 8, then find a : b : c.
(a) 12 : 15 : 28 (b) 12 : 10 : 25
(c) 12 : 15 : 40 (d) 10 : 15 : 22

Q.52. A retailer marks his products at 25% more than the cost price. If a customer receives a discount of 20%, what is the profit percentage for the retailer ?
(a) 3% (b) 1% (c) 5% (d) 0%

Q.53. What is the area of an equilateral triangle having sides equal to 0.2 cm ?
(a) $\frac{\sqrt{3}}{200}cm^2$ (b) $\frac{\sqrt{3}}{100}\ cm^2$
(c) $\frac{7\sqrt{3}}{100}\ cm^2$ (d) $\frac{4\sqrt{3}}{100}cm^2$

Q.54. Selling price of a table is Rs. 1972 and loss percentage is 32 percent. If selling price is Rs. 3000, then what will be the profit percentage ?
(a) 5.66 percent (b) 3.44 percent
(c) 6.66 percent (d) 4.25 percent

Q.55. Average weight of 18 students is 54 kg. After including a new student in that group the average weight rises by 1 kg. What is the weight of the new student ?
(a) 76 kg (b) 75 kg (c) 70 kg (d) 73 kg

Q.56. Rahul earns an interest of ₹2996 for the third year and ₹ 1400 for the second year on the same sum. Find the rate of interest per annum if it is lent at compound interest (compounding annually).
(a) 110% (b) 112% (c) 114% (d) 113%

Q.57. Two cars start from the same point and travel in the same direction. If one car travels at 55 km/h and the other at 75 km/h, after 3 hours, how far apart are they ?
(a) 65 km (b) 55 km (c) 70 km (d) 60 km

Q.58. In an alloy of 240 gram copper and iron are in the ratio of 7: 5. How much quantity of iron should be added so that the ratio of copper and iron become 7: 13 ?
(a) 120 grams (b) 160 grams
(c) 200 grams (d) 180 grams

Q.59. Find the value of
$413 \div 7(20 + 8 \times 5 - 59)$.
(a) 44 (b) 59 (c) 66 (d) 55

Q.60. Find the length of the plank which can be used to measure exactly the lengths 6 m 50 cm, 3 m 50 cm, and 7 m 50 cm in the least time.
(a) 15cm (b) 50cm (c) 100cm (d) 25cm

English

Q.61. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The doctor sending his patient to a specialist.
(a) send his patient (b) No improvement
(c) sent his patient (d) sent his patiently

Q.62. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
She heard the front door creek open as he returned home.
(a) open is (b) opened as
(c) opening as (d) No improvement

Q.63. Choose the most appropriate antonym of the underlined word.
We are witnessing a **resurgence** of devilry that is perfectly appalling.
(a) Return (b) Failure
(c) Rebirth (d) Triumph

Q.64. Select the incorrectly spelt word from the given sentence.
Soon he was literally a fugetive, in the midst of both an internecine fight among the Timurids and a struggle between them and the rising Uzbek.
(a) midst (b) struggle
(c) fugetive (d) literally

Q.65. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
She is a best girl with a good sense of humour.
(a) She is a best girl (b) of humour.
(c) No error (d) with a good sense

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
If you don't know who had have a disease, it's impossible to predict its spread.
(a) who had have a disease, it's
(b) No error
(c) impossible to predict its spread
(d) If you don't know

Q.67. Select the most appropriate word to fill in the blank.
The movie was late in starting _____ of projection difficulties.
(a) account (b) still
(c) because (d) though

Q.68. From the options given below choose the synonym (similar meaning) of the word:
Equivocal
(a) Protection (b) Unshielded
(c) Inactivity (d) Ambiguous

Q.69. Select the most appropriate antonym of the given word.
Gobble
(a) Small (b) Nibble (c) Guzzle (d) Grab

Q.70. Choose the word that is opposite in meaning to the given word.
Guilty
(a) Innocent (b) remorseful
(c) culpable (d) Contrite

Q.71. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
This metal oxidizes very slow in dry air at ordinary temperatures.
(a) No error
(b) at ordinary temperatures.
(c) very slow in dry air
(d) This metal oxidizes

Q.72. Select the most appropriate word to fill in the blank.
_____ and neglect resulted in a government that was weakened enough to be overthrown.
(a) Corruption (b) Corrupt
(c) Corrupted (d) Corrupting

Q.73. Select the sentence with no spelling errors.
(a) The question of protacting folklore was less urgent.
(b) The question of protecting foklore was less urgent.
(c) The question of protecting folklore was less urgent.
(d) The question of protecting folklore was les urgent.

Q.74. Select the most appropriate meaning of the given idiom.
To beat the band
(a) To refuse to talk.
(b) To a huge or the greatest possible extent.
(c) To procrastinate.
(d) To resign from one's job.

Q.75. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Don't be silly. Nobody is trying to harm you. It's **only your imagination.**
(a) Cut corners (b) All in your head
(c) Break a leg (d) Spill the beans

Cloze Test :
Direction :- [Q.76. to Q.80.]
The time seemed (76) _____ as we swept on our way, now in almost complete darkness, for the rolling clouds obscured the moon. (77) _____ kept

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on ascending, with occasional (78) _____ of quick descent, but in the main always ascending. Suddenly, I became conscious of the fact that the driver was in the (79) _____ of pulling up the horses in the courtyard of a vast ruined castle, from whose tall black windows came no ray of (80) _____ and whose broken battlements showed a jagged line against the sky.

Q.76. (a) bordered (b) confined
(c) interminable (d) limited

Q.77. (a) I (b) We (c) They (d) Us

Q.78. (a) times (b) periods
(c) season (d) junctures

Q.79. (a) act (b) theatre
(c) play (d) drama

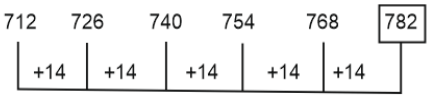
Q.80. (a) hopeless (b) light
(c) electricity (d) time

Answer Key :-

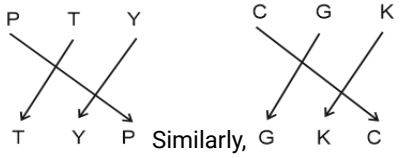
1.(b)	2.(b)	3.(b)	4.(b)
5.(a)	6.(b)	7.(c)	8.(a)
9.(b)	10.(c)	11.(b)	12.(d)
13.(b)	14.(b)	15.(b)	16.(c)
17.(d)	18.(a)	19.(a)	20.(d)
21.(b)	22.(c)	23.(d)	24.(a)
25.(d)	26.(b)	27.(a)	28.(a)
29.(d)	30.(d)	31.(b)	32.(b)
33.(c)	34.(d)	35.(a)	36.(d)
37.(c)	38.(d)	39.(d)	40.(c)
41.(a)	42.(b)	43.(b)	44.(a)
45.(a)	46.(d)	47.(d)	48.(a)
49.(b)	50.(c)	51.(c)	52.(d)
53.(b)	54.(b)	55.(d)	56.(c)
57.(d)	58.(b)	59.(b)	60.(b)
61.(c)	62.(d)	63.(b)	64.(c)
65.(a)	66.(a)	67.(c)	68.(d)
69.(b)	70.(a)	71.(c)	72.(a)
73.(c)	74.(b)	75.(b)	76.(c)
77.(b)	78.(d)	79.(a)	80.(b)

Solutions :-

Sol.1.(b)

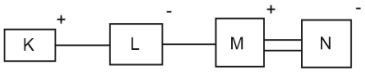


Sol.2.(b)



Sol.3.(b)
From both the dice the opposite face are
3 ↔ 5 , 2 ↔ 6

Sol.4.(b)



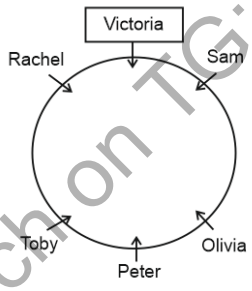
K is the brother of M.

Sol.5.(a)

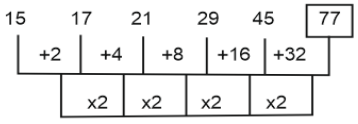


Sol.6.(b) Logic :- Interchanging @ , # and * with - ,- and ÷ respectively, we get
10 @ 5 # 15 * 5 = 2
10 - 5 - 15 ÷ 5 ⇒ 5 - 3 = 2 ⇒ LHS = RHS
25 @ 6 # 4 * 2 = 17
25 - 6 - 4 ÷ 2 ⇒ 19 - 2 = 17 ⇒ LHS = RHS
Similarly,
30 @ 10 # 20 * 4
30 - 10 - 20 ÷ 4 ⇒ 20 - 5 = 15

Sol.7.(c)



Sol.8.(a)



Sol.9.(b) The correct order is
Banana(2) → Band(4) → Bandit(1) → Bangle(3) → Bank(5)

Sol.10.(c) d**d**eeffgg / ddeeffgg / dde**e**ffgg / ddeeffgg / ddeef**f**g**g**

Sol.11.(b)



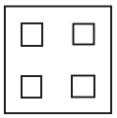
Sol.12.(d)



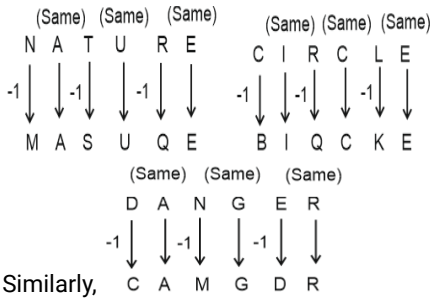
Sol.13.(b)



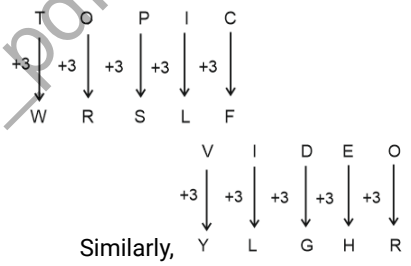
Sol.14.(b)



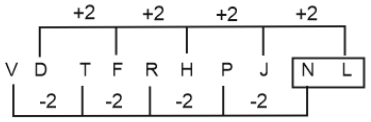
Sol.15.(b)



Sol.16.(c)

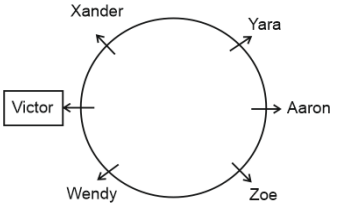


Sol.17.(d)

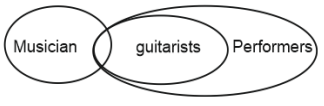


Sol.18.(a) As per given instruction after interchanging × and ÷ we get
Given :- I. 16 ÷ 4 - 8 × 2 + 7
16 × 4 - 8 ÷2 + 7 ⇒ 64 - 4 + 7 = 67
II . 8 ÷ 4 - 9 × 3 + 8
8 × 4 - 9 ÷ 3 + 8 ⇒ 32 - 3 + 8 = 37
The correct answer is 67 and 37.

Sol.19.(a)



Sol.20.(d)



Only conclusion I follow.

Sol.21.(b) Both I and II. These gradations are in decreasing order of liquidity. M1 is most liquid and easiest for transactions whereas M4 is least liquid of all. M3 is the most commonly used measure of money supply. It is also known as

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aggregate monetary resources.

Sol.22.(c) Tamil Nadu. Pongal is celebrated over four days. The first day is observed as Bhogi. The second and main festive day is Surya Pongal or Thai Pongal. The third day, known as Mattu Pongal (with "Madu" meaning cow), is dedicated to the celebration of cattle. The fourth day, called Kanum Pongal or Kanu Pongal, marks the end of the Pongal festivities.

Sol.23.(d) Gulzar is a renowned poet and lyricist. The Dadasaheb Phalke Award is India's highest honor in the field of cinema, presented annually at the National Film Awards ceremony by the Directorate of Film Festivals. Devika Rani was the first recipient of the Dadasaheb Phalke Award. In 2023, the Dadasaheb Phalke International Film Festival Award for Outstanding Contribution In The Film Industry was given to Rekha.

Sol.24.(a) Mumbai (Bombay) is the most successful team in the Ranji Trophy, with 42 titles (As of August 2024). The Ranji Trophy is a premier domestic first-class cricket championship in India, organized annually by the Board of Control for Cricket in India (BCCI). The first edition was held in 1934–35. The record for most runs is held by Wasim Jaffer, while Rajinder Goel holds the record for most wickets.

Sol.25.(d) Group 18. Noble gases, also known as inert gases, include Helium (He), Neon (Ne), Argon (Ar), Krypton (Kr), Xenon (Xe), and Radon (Rn). These gases are chemically unreactive and form very few compounds, which is why they are termed as "noble." All noble gases except radon occur naturally in the atmosphere.

Sol.26.(b) 29 Questions. The number of questions canvassed during Population Enumeration in the Censuses from 1951 to 2011 were as follows: the 1951 Census included 14 questions, the 1961 Census had 13 questions, the 1971 Census covered 17 questions, the 1981 Census asked 16 questions, the 1991 Census featured 21 questions, the 2001 Census included 23 questions and the 2011 Census included 29 questions.

Sol.27.(a) Bhimbetka is known for its prehistoric rock shelters located in Madhya Pradesh. The caves at Bhimbetka were discovered in 1957–58 by the eminent archaeologist V.S. Wakankar. The shelters were designated a UNESCO World Heritage Site in 2003.

Sol.28.(a) Jharkhand. Mukhyamantri Gram Gadi Yojana was launched to enhance connectivity between rural and urban pockets in the districts.

Sol.29.(d) Gurdeep Singh Randhawa is the first Indian representative of the Christian Democratic Union of Germany (CDU) Thuringia. The CDU is a political party in Germany.

Sol.30.(d) Prime Minister Narendra Modi was conferred this honor by Katerina N. Sakellaropoulou, the President of Greece. He is the first foreign head of government to receive this honor.

Sol.31.(b) Bangladesh (4096.7 km). Bangladesh shares borders with five Indian states: Assam, West Bengal, Mizoram, Meghalaya, and Tripura. India shares land borders with neighboring countries as follows: China (3,488 km), Pakistan (3,323 km), Nepal (1,751 km), Myanmar (1,643 km), Bhutan (699 km), and Afghanistan (106 km).

Sol.32.(b) Magnus Carlsen is a Norwegian chess grandmaster and a five - time World Chess Champion. Karthikeyan Murali from Tamil Nadu is the 38th grandmaster from India.

Sol.33.(c) 1951. Planning Commission were established to formulate, implement and regulate Five Year Plans.The First Five-Year Plan, launched from 1951 to 1956 under the leadership of Jawaharlal Nehru, was based on the Harrod-Domar model.

Sol.34.(d) The 12th Five-Year Plan (2012–17) of the Government of India was the country's last Five-Year Plan. The theme of the Eleventh Plan (2007–2012) was “Towards Faster & More Inclusive Growth,” while the Ninth Plan (1997–2002) focused on “Growth With Social Justice & Equality.

Sol.35.(a) Kathak is a classical dance form from Uttar Pradesh, with origins attributed to the traveling bards of ancient northern India. It is divided into three distinct styles, known as "gharanas": Banaras Gharana, Lucknow Gharana, and Jaipur Gharana. Notable Kathak dancers include Pandit Birju Maharaj, Damayanti Joshi, Roshan Kumari, Kumudini Lakhia, Shambhu Maharaj, Shovana Narayan, Lachhu Maharaj, Uma Dogra, and Sunder Prasad.

Sol.36.(d) 1951. The First Asian Games saw 489 athletes from 11 nations. The official logo of New Delhi 1951 was a bright red sun with 16 rays underlined by 11 rings, representing the participating nations. The motto was "Play the game in the spirit of the game." India has hosted the Asian Games twice, with the second time being in 1982.

Sol.37.(c) Madras. The Veda Samaj was established by K. Sridharalu Naidu and Keshab Chandra Sen in 1864. Inspired by the Brahmo Samaj, it worked to abolish caste distinctions and promote widow remarriage and women's education.

Sol.38.(d) 14-14. According to the rules of volleyball, matches are best-of-five-set contests. The first four sets are played until one team scores 25 points, and if the teams are tied at two sets each after four, the fifth set is played to 15 points. The volleyball court is 18 meters (59 feet) long and 9 meters (29.5 feet) wide, divided into two halves of 9 meters (29.5 feet) each by a net. Each team consists of six players.

Sol.39.(d) NCDRC is a quasi-judicial commission in India that was set up in 1988 under the Consumer Protection Act of 1986. Its head office is in New Delhi. The NCDRC is headed by a sitting or retired judge of the Supreme Court of India or a sitting or retired Chief Justice of a High Court.

Sol.40.(c) Part XVII (Articles 343 to 351) covers the official language of the Republic of India. Some important articles include: Article 343 - The official language of the Union shall be Hindi in Devanagari script. Article 345 - Official language or languages of a State. Article 351 - It shall be the duty of the Union to promote the spread of the Hindi language.

Sol.41.(a)
LCM (30 , 40 , 60)sec. = 120 seconds
120 seconds = 2 minute
So, light change in 30 minutes = $\frac{30}{2}$ = 15 times

Sol.42.(b) 12 toffees bought at 1 rupee
Let x toffee be sold at 1 rupee to earn the profit of 20%
According to the question,
$12 \times CP = x \times (\frac{6}{5}) \times CP \Rightarrow x = 10$

Sol.43.(b)
Discount = marked price - selling price
Discount = 4000 - 2800 = Rs.1200
So, D % = $\frac{1200}{4000} \times 100 = 30\%$

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Sol.44.(a) According to the question,

$\frac{P}{Q} = \frac{4}{5}$ and $\frac{R}{Q} = \frac{4}{5}$

Now, R (4 unit) = 160

Hence, markes of P (4 unit) = 160

Sol.45.(a)

HCF $(\frac{4}{11}, \frac{16}{33}) = \frac{HCF\,(4, 16)}{LCM\,(11, 33)} = \frac{4}{33}$

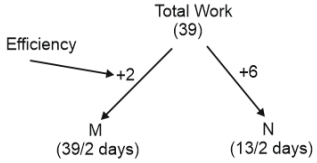
Sol.46.(d) Let principal = 100 unit

Then, according to the question,

$$100 = \frac{100 \times \frac{17}{2} \times R}{100}$$

$R = \frac{200}{17}$ = 11.76 %

Sol.47.(d)



Time taken by M and N together to complete the work = $\frac{39}{2+6} = \frac{39}{8}$ days

Sol.48.(a) Efficiency $\frac{C}{D} = \frac{4}{1}$

Let, D takes x days to complete the work

Then, time taken by C = (x - 63) days

According to the question,

$1 \times x = 4 \times (x - 63)$

$-3x = -252 \Rightarrow x = 84$

So, total work = $1 \times x$ = 84 unit

Hence, time taken by C and D to complete the work together = $\frac{84}{4+1}$

= 16.8 days

Sol.49.(b) Perimeter of square = 4a.

According to question,

Ratio → initial : final

Side → 20 : 21

Perimeter → 20 : 21

Required % = $\frac{21-20}{20} \times 100$ = 5%

Sol.50.(c)

Odd numbers between 8 and 28

= 9 , 11 , 13 , 15 , 17 , 19 , 21 , 23 , 25 , 27

Hence, required average = $\frac{17+19}{2}$ = 18

Sol.51.(c)

a : b : c

4 : 5 **: 5**

3 : 3 : 8

---

12 : 15 : 40

Hence, required ratio = 12 : 15 : 40

Sol.52.(d)

Let cost price of product = 100 unit

Then, marked price = 100 × 125% = 125 unit

Now, after giving the discount of 20%

Selling price of product

= 125 × $\frac{4}{5}$ = 100 unit

So, profit % = $\frac{100-100}{100} \times 100$ = 0 %

Sol.53.(b)

Area of equilateral triangle = $\frac{\sqrt{3}}{4}a^2$

$\Rightarrow \frac{\sqrt{3}}{4}(0.2)^2 = \frac{\sqrt{3}}{4} \times \frac{4}{100} = \frac{\sqrt{3}}{100}\,cm^2$

Sol.54.(b) Cost price of table

= 1972 × $\frac{100}{68}$ = Rs. 2900

Now, for selling price Rs. 3000,

Profit % = $\frac{3000-2900}{2900} \times 100$ = 3.44 %

Sol.55.(d) Weight of new student

= 54 + (19 × 1) = 73 kg

Sol.56.(c) Required rate %

= $\frac{2996-1400}{1400} \times 100$ = 114 %

Sol.57.(d)

Cars travels in the same direction

Then, gap between cars in three hour

= 3 × (75 - 55) = 60 km

Sol.58.(b) Let copper and iron in the mixture be $7x$ and $5x$

according to the question,

$7x + 5x = 240 \Rightarrow x = 20$

Quantity of copper in mixture

= $7x$ = 140 gm

Quantity of iron in mixture = $5x$ = 100 gm

Let Y quantity of iron be added

Then, according to the question,

$\frac{140}{100+Y} = \frac{7}{13} \Rightarrow Y$ = 160 gm

Sol.59.(b) $413 \div 7(20 + 8 \times 5 - 59)$

$59(20 + 8 \times 5 - 59)$

$59(20 + 40 - 59) \Rightarrow 59(1) = 59$

Sol.60.(b) 6 m 50 cm = 650 cm

3 m 50 cm = 350 cm

7 m 50 cm = 750 cm

HCF (650 , 350 , 750) = 50

Hence, required length = 50 cm

Sol.61.(c) sent his patient

The given sentence is in the past tense, so it must have the verb in the past form(V_2). Hence, 'sent(V_2) his patient' is the most appropriate answer.

Sol.62.(d) No improvement

The given sentence is grammatically correct.

Sol.63.(b) Failure- lack of success or the inability to meet goals.

Resurgence - a rising again or revival after a period of decline.

Return - coming back to a previous place or condition.

Rebirth - the process of being born again or a new beginning.

Triumph - a great victory or achievement, resulting in joy and success.

Sol.64.(c) fugetive

'Fugitive' is the correct spelling.

Sol.65.(a) She is a best girl

'A best' must be 'replaced with 'a good'. If two adjectives are used together, they should be of the same degree.

'Good' in 'a good girl' matches with 'good' in 'a good sense of humour'. Hence, 'She is a good girl' is the most appropriate answer.

Sol.66.(a) who had have a disease, it's

The given sentence is in the simple present tense. If there is no noun or pronoun before relative pronoun 'who', we use a singular verb. Hence, "who has a disease, it's" is the most appropriate answer.

Sol.67.(c) because

'Because of' is used to state the cause of something. In the given sentence, 'because of' states the cause of delay in starting of the movie. Hence, 'because' is the most appropriate answer.

Sol.68.(d) Ambiguous - unclear or having more than one possible meaning.

Equivocal - open to more than one interpretation.

Protection - the act of keeping someone or something safe from harm.

Unshielded - not protected or covered.

Inactivity - lack of action or movement.

Sol.69.(b) Nibble - to eat or take small bites of something.

Gobble - to eat something quickly and greedily.

Small - not large in size or amount.

Guzzle - to drink something quickly and in large amounts.

Grab - to take hold of something quickly.

Sol.70.(a) Innocent - not guilty of a crime or wrongdoing.

Guilty - responsible for committing a crime or wrongdoing.

Remorseful - feeling regret or guilt for a wrongdoing.

Culpable - deserving blame or responsibility for a wrongdoing.

Contrite - showing sincere regret or remorse for wrongdoing.

Sol.71.(c) very slow in dry air

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The given sentence needs an adverb 'slowly' to modify the verb 'oxidizes', not an adjective 'slow'. Hence, 'very slowly in dry air' is the most appropriate answer.

Sol.72.(a) Corruption
'And' is used to join two similar parts of speech. 'Neglect' is a noun, so we need to use the noun 'corruption'. Hence, 'corruption' is the most appropriate answer.

Sol.73.(c) The question of protecting folklore was less urgent.
'Protecting', 'folklore' and 'less' are the correct spellings.

Sol.74.(b) To beat the band- to a huge or the greatest possible extent.
E.g.- The birds were flying to beat the band.

Sol.75.(b) All in your head- only your imagination.

Sol.76.(c) interminable
'Interminable' means never-ending. The given passage states that the time seemed endless as we swept on our way. Hence, 'interminable' is the most appropriate answer.

Sol.77.(b) We
The story is being narrated in the first person and 'we' has already been used. Hence, 'we' is the most appropriate answer.

Sol.78.(d) periods
'Period' means a portion of time. The given passage states that we kept on ascending, with occasional periods of quick descent. Hence, 'junctures' is the most appropriate answer.

Sol.79.(a) act
'Act' means a part or role in a film, play, etc. The given passage states that the driver was in the act of pulling up the horses in the courtyard of a vast ruined castle. Hence, 'act' is the most appropriate answer.

Sol.80.(b) light
The given passage states that no ray of light came from tall black windows of a vast ruined castle. Hence, 'light' is the most appropriate answer.

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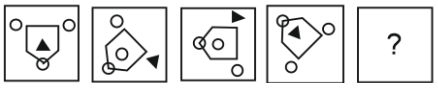
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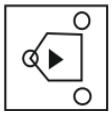
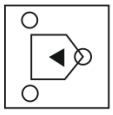
Reasoning

Q.1. If 8 R 10 S 7 T 12 = 75 and 18 R 6 S 8 T 30 = 86, then 24 R 15 S 9 T 35 = ?
(a) 330 (b) 318 (c) 334 (d) 300

Q.2. Seven girls P, Q, R, S, T, U and V are sitting around a circular table facing opposite to the centre (not necessarily in the same order). P is to the immediate neighbour of both Q and R. S is not the immediate neighbour of either R or T. V is immediate neighbour of both T and U. V is second to the right of S. Who is sitting on the immediate right of R ?
(a) V (b) Q (c) T (d) P

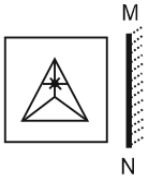
Q.3. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

Q.4. In a certain code language, 'REFUGE' is coded as 'CGSFCR'. What is the code for 'SAFARI' in that code language ?
(a) GRYFYS (b) GRYGYS
(c) GRYYFS (d) GRZFYS

Q.5. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.

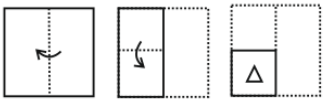


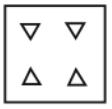
(a)  (b) 
(c)  (d) 

Q.6. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
llmmnnool _ mmnnooll _ mnnoollmm _ no _ llmmnnoo
(a) lmno (b) mnol (c) onml (d) llmm

Q.7. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
NR, UQ, TX, AW, ?
(a) ZD (b) ZT (c) ZM (d) ZQ

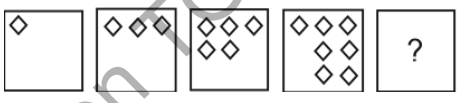
Q.8. A paper is folded and cut as shown below. How will it appear when unfolded?

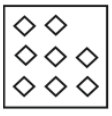
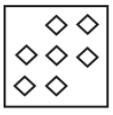


(a)  (b) 
(c)  (d) 

Q.9. By interchanging which two signs and two numbers (not digits) the expression will be correct ?
$3 \div 1 + 5 \times 2 - 6 = 1$
(a) + and ×, 3 and 6 (b) × and ÷, 6 and 5
(c) × and ÷, 5 and 2 (d) + and −, 3 and 6

Q.10. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a)  (b) 
(c)  (d) 

Q.11. In the following question, select the related letters from the given alternatives.
ZIB : DMF :: COM : ?
(a) STU (b) WXK (c) GSQ (d) ZOV

Q.12. In the following question, select the related letter pair from the given alternatives.
JIR : FEN :: ?
(a) VIK : TTL (b) BCL : XYH
(c) UME : ESU (d) FIH : THI

Q.13. In a certain code language, 'PERSONT' is coded as '2495870', 'RAISED' is coded as '963541'. What is the code for 'STAREN' in that code language ?
(a) 609746 (b) 506947
(c) 546976 (d) 506347

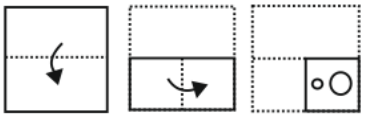
Q.14. If A + B means A is the wife of B, A × B means A is the father of B, A ÷ B means A is the mother of B, A $ B means A is the brother of B and A −B means A is the sister of B.
If $Z - T \div S \times Y + H \$ B$, then how is S related to H ?
(a) Wife's mother (b) Wife's sister
(c) Wife's father (d) Wife's brother

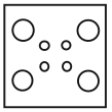
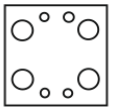
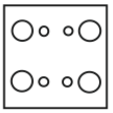
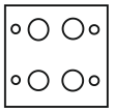
Q.15. Which of the following numbers will replace the question mark (?) in the given series ?
9,18, 33, 42, 57, ?
(a) 65 (b) 66 (c) 71 (d) 72

Q.16. Six family members Mia, Noah, Olivia, Ethan, Grace, and Henry are seated at a circular table facing each other. Grace is second to the left of Ethan. Noah is to the immediate left of Henry, and Mia is second to the left of Noah. Who is the immediate neighbour of both Olivia and Noah ?
(a) Ethan (b) Mia (c) Henry (d) Grace

Q.17. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion(s) logically follows the given statements.
Statements:
I. Some yellow are green.
II. All white are green.
Conclusions:
I. Some green are yellow.
II. Some green are white.
(a) Both conclusions I and II follows
(b) Neither conclusion follows
(c) Only conclusion II follows
(d) Only conclusion I follows

Q.18. A piece of paper is folded and punched as shown below in the question figures. From the given option figures, indicate how it will appear when opened.



(a)  (b) 
(c)  (d) 

Q.19. Which of the following numbers will replace the question mark (?) in the given series ?
8, 13, 21, 34, 55, ?

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(a) 74 (b) 68 (c) 72 (d) 89

Q.20. Arrange the given words in the sequence in which they occur in the dictionary.
1. Box 2. Boy 3. Bow
4. Bowl 5. Bower
(a) 5, 4, 2, 3, 1 (b) 3, 5, 4, 2, 1
(c) 3, 5, 4, 1, 2 (d) 5, 4, 2, 1, 3

General Awareness

Q.21. The Supreme Court has special advisory jurisdiction in matters which may specifically be referred to it by the President of India under Article _____ of the Constitution.
(a) 144 (b) 142 (c) 143 (d) 141

Q.22. Which folk dance is related with state of Uttar Pradesh ?
(a) Kuchipudi (b) Lavani
(c) Ghumar (d) Kajri

Q.23. As of October 2023, Savitri Jindal, the richest woman in India, has now become the _____wealthiest person in the country.
(a) fifth (b) fourth (c) seventh (d) tenth

Q.24. This festival belongs to Sambalpur (Western Odisha), the new harvest crops are worshipped and people celebrate it by eating the first rice of the harvest together with their family:
(a) Baisakhi (b) Vishu
(c) Nuakhai (d) Bohag Bihu

Q.25. How many fundamental duties does a citizen have according to the article 51 A of the Indian constitution ?
(a) 11 (b) 15 (c) 10 (d) 5

Q.26. In which year did Rangrajan Committee for estimating poverty line submit its report ?
(a) 2014 (b) 2016 (c) 2012 (d) 2010

Q.27. _____are organized institutions that accept deposits from depositors and advance loans to borrowers.
(a) Banks (b) Schools
(c) Hospitals (d) Hotels

Q.28. Which of the following sports is played by Anthony Amalraj ?
(a) Badminton (b) Squash
(c) Golf (d) Table Tennis

Q.29. The system of the mahalwari Settlement was devised by _____ .
(a) Thomas Munro (b) Alexander Read
(c) Richard Wellesley (d) Holt Mackenzie

Q.30. How many sanskrit plays were written by Harshavardhana ?
(a) Two (b) Four (c) Three (d) Five

Q.31. The Prime Minister of India has launched the PM PVTG Mission in November 2023. In this context, there are how many PVTGs in 18 states & UTs ?
(a) 75 (b) 85 (c) 70 (d) 80

Q.32. _____virtuoso, Pandit Shiv Kumar Sharma, has revolutionized the role of the instrument in Hindustani music.
(a) Sitar (b) Sarod (c) Flute (d) Santoor

Q.33. Who became the first Indian to win a bronze medal at the Asian Fencing Championships in China in June, 2023 ?
(a) Atanu Das (b) Avneet Kaur
(c) Bhavani Devi (d) Bhajan Kumar

Q.34. The literacy rate is defined by the percentage of the population of a given age group that can _____ .
(a) Read only (b) Speak
(c) Read and Write (d) Write only

Q.35. Consider the following statements:
A) Calcium is present in S - block of the periodic table.
B) Metals comprise more than 78% of all known elements and appear on the left side of the Periodic Table.
C) d- Block elements are also known as inner-transition electrons.
(a) A, B, C are true
(b) Both A and B is true
(c) Only B and C is true
(d) Both A and C is true

Q.36. National defence, roads, government administration are examples of which types of goods ?
(a) Public goods
(b) Complementary goods
(c) Private goods
(d) Supplementary goods

Q.37. The India-UAE Comprehensive Economic Partnership Agreement (CEPA) was signed on 18th February 2022 by the Minister of _____and the Minister of Economy of the UAE.
(a) Home Affairs
(b) Finance
(c) External Affairs
(d) Commerce & Industry

Q.38. Which of the following folk dance is associated with Goa ?
(a) Lava (b) Dekhni (c) Kolkali (d) Lama

Q.39. _____is associated with Badminton.
(a) Marry Kom (b) Mithali Raj
(c) Sakshi Malik (d) Saina Nehwal

Q.40. In which sport would you perform a "smash" shot?
(a) Cricket (b) Chess
(c) Badminton (d) Golf

Quantitative Aptitude

Q.41. Marked price of an article is Rs. 10500 and its selling price is Rs. 8820. What is the discount percentage ?
(a) 22 % (b) 25 % (c) 16 % (d) 12 %

Q.42. To complete a wall, Vijay takes 40 percent more time than Ramesh. If together they complete the wall in 25 days, then how much time will Vijay alone take to complete it ?
(a) 45 days (b) 60 days
(c) $\frac{300}{7}$ days (d) 40 days

Q.43. If 5P = 4Q, then what is the value of $\frac{(P+Q)}{P}$?
(a) $\frac{11}{4}$ (b) $\frac{9}{4}$ (c) $\frac{7}{5}$ (d) $\frac{4}{9}$

Q.44. Ramita alone can do a work in 100 days, Suman alone can do the same work in 120 days and Neetu alone can do the same work in 150 days. If they do that work together and they are paid Rs. 6000, then what is the share of Suman ?
(a) Rs. 3000 (b) Rs. 2400
(c) Rs. 2000 (d) Rs. 2700

Q.45. A merchant marks the price of his article 10 percent above the cost price. If he allows 5 percent discount, then what is the profit or loss percentage ?
(a) 4 percent loss (b) 4.5 percent profit
(c) 10 percent loss (d) 5 percent profit

Q.46. Rupesh scored 20 percent marks in an exam and failed by 20 marks. If he scores 70 percent marks, then he gets 5 marks more than passing marks. What should be the passing marks for the exam ?
(a) 60 (b) 50 (c) 30 (d) 40

Q.47. What is the remainder when 36^{29} is divided by 10 ?
(a) 2 (b) 6 (c) 0 (d) 4

Q.48. Evaluate: $5 + 3 \times 2 - 4$.
(a) 5 (b) 7 (c) -1 (d) 3

Q.49. The value of a cycle depreciates at the rate of 10% after every year. If at the end of 3 years, its value is Rs. 10,935, then find its purchase price.
(a) Rs. 15000 (b) Rs. 10000
(c) Rs. 20000 (d) Rs. 5000

Q.50. If a mobile is sold at a loss of 25 percent, then what is the respective ratio of cost price and selling price of the mobile ?

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(a) 3 : 4 (b) 4 : 3 (c) 7 : 5 (d) 5 : 4

Q.51. The average weight of two players W and X of a football team is 42 kg. The average weight of W, X and their coach Y is 55 kg. What is the weight of coach ?
(a) 81 kg (b) 88 kg (c) 85 kg (d) 87 kg

Q.52. There are total 36 hats of blue and red colours. The average cost of blue colour hats is Rs. 54 and the average cost of red colour hats is Rs. 36. If the average cost of all the hats is Rs. 46, then what is the number of red colour hats ?
(a) 16 (b) 20 (c) 12 (d) 24

Q.53. Two trains are moving in the same direction at the speed of 60 km/hr and 95 km/hr. The time taken by faster train to cross a man sitting in the slower train is 36 seconds. What will be the length of the faster train ?
(a) 420 metres (b) 350 metres
(c) 270 metres (d) 310 metres

Q.54. If p : q : r = 2 : 3 : 5, then what is the value of $(\frac{p}{2}) : (\frac{q}{6}) : (\frac{r}{5})$?
(a) 4 : 2 : 5 (b) 1 : 1 : 1
(c) 2 : 1 : 2 (d) 3 : 1 : 3

Q.55. If L1 = 243 and L2 = 729, then L1 is how much percentage less than L2 ?
(a) 66.66 percent (b) 99.99 percent
(c) 48.75 percent (d) 33.33 percent

Q.56. The simple interest received on a sum for 10 years is $\frac{2}{5}$ of the sum. What is the annual rate of interest ?
(a) 4 % (b) 9 % (c) 5 % (d) 6 %

Q.57. Which is that largest two digit number which when increased by 5 becomes divisible by both 4 and 5 ?
(a) 85 (b) 94 (c) 75 (d) 88

Q.58. What is the value of
$444 \div 3 + 1400 \div 7 - 51$?
(a) 287 (b) 277 (c) 297 (d) 267

Q.59. If the diameter of a hemisphere is 84 cm, then what is the volume of hemisphere ?
(a) 155232 cm^3 (b) 162462 cm^3
(c) 149336 cm^3 (d) 141274 cm^3

Q.60. The profit earned on selling an article for Rs. 3300 is 10 times of the loss incurred on selling the same article for Rs. 2970. What will be the selling price of the article to earn a profit of 30 percent ?
(a) Rs. 3900 (a) Rs. 4200
(c) Rs. 4000 (d) Rs. 3500

English

Q.61. Choose the word that means the same as the given word.
Carnival
(a) Heavily (b) Funeral
(c) Fest (d) Sedate

Q.62. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
The capitol building <u>was building</u> in 1878.
(a) was build (b) were built
(c) No improvement (d) was built

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
You have been ignoring me since the past three days.
(a) the past three days.
(b) ignoring me since
(c) No error
(d) You have been

Q.64. Choose the most appropriate antonym of the underlined word.
If children are not in schools, they are yet subject to influences that are <u>formative</u> of character.
(a) Developmental (b) Shaping
(c) Non-influential (d) Pliant

Q.65. Select the most appropriate option for the given blank.
You appear healthy, although you have _____ some weight.
(a) win (b) gained (c) pick (d) build

Q.66. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
Don't <u>forget to greasy</u>, the cake pan.
(a) forgets to grease (b) forget to grease
(c) No improvement (d) forgot to grease

Q.67. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
The deeper the pain, the much helpless we feel in dealing with our difficulties.
(a) The deeper the pain
(b) the much helpless we feel in
(c) dealing with our difficulties
(d) No error

Q.68. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To pass the hat round
(a) To ask for contributions
(b) To oppose someone
(c) To delay a plan
(d) To share the responsibilities

Q.69. Select the most appropriate antonym of the given word.
Doomed
(a) Irresponsible (b) Blessed
(c) Glowing (d) Ill-fated

Q.70. Select the most appropriate meaning of the given idiom
In the heat of the moment
(a) Hurried
(b) Under firm control, well managed
(c) To have something secured
(d) Overwhelmed by what is happening in the moment

Q.71. The sentence has been divided into three parts, identify the segment which contains a spelling error in the sentence given below. Choose no error if there is no error in the sentence.
Their dismay was as / distinctly visible as light / passed through crystals.
(a) passed through crystals.
(b) Their dismay was as
(c) no error
(d) distinctly visible as light

Q.72. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The attention has <u>shifts to</u> make crops climate-proof".
(a) No improvement (b) shift too
(c) shifting to (d) shifted to

Q.73. Select the sentence with no spelling errors.
(a) Men and women balance each other out, and we have to get to a point where we are comfortable with appresciating each other.
(b) Men and women balance each other out, and we have to get to a point where we are comfortable with appreciating each othre.
(c) Men and women balance each other out, and we have to get to a point where we are comfurtable with appreciating each other.
(d) Men and women balance each other out, and we have to get to a point where we are comfortable with appreciating each other.

Q.74. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
He had a natural mistrust of the inhabitants; and (also he was not

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disposed off to be quick friends) with anyone who had beaten his master.
(a) also he was not at all disposed off to be quick friends
(b) No correction required
(c) also he was not disposed to be quick friends
(d) also he was not all disposed of to be quick friends

Q.75. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Younger workers typically has more trouble finding and maintaining employment in a recession.
(a) No error
(b) maintaining employment in a recession.
(c) Younger workers typically has
(d) more trouble finding and

Cloze Test :
Direction :- [Q.76. to Q.80.]
Literature, in all its forms, has the power to (76. indoctrinate) ____the human spirit and expand our horizons. Whether through classic novels, contemporary poetry, or insightful essays, literature has the ability to (77. widen) _____our perspectives and evoke a wide range of emotions. It can serve as a mirror to reflect the (78. inequity) _____of society, addressing important issues and fostering empathy. Moreover, reading is a transformative experience that can transport readers to different (79. realms) _____. enabling them to explore everything the human mind can concoct. To fully (80. understand) ____the benefits of literature, it's essential to encourage a love for reading and make it accessible to all.

Q.76. (a) enlighten (b) effluent
(c) amaze (d) eject

Q.77. (a) constrict (b) disregard
(c) broaden (d) collude

Q.78. (a) progress (b) incompetence
(c) injustice (d) unity

Q.79. (a) floor (b) fantasies
(c) sky (d) worlds

Q.80. (a) estimate (b) minimize
(c) overarch (d) realize

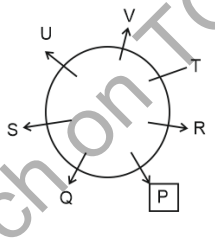
Answer Key :-

1.(c)	2.(d)	3.(a)	4.(a)
5.(c)	6.(a)	7.(a)	8.(b)
9.(b)	10.(a)	11.(c)	12.(b)
13.(b)	14.(c)	15.(b)	16.(c)

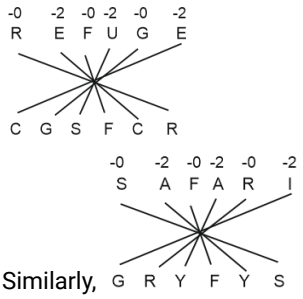
17.(a)	18.(c)	19.(d)	20.(c)
21.(c)	22.(d)	23.(c)	24.(c)
25.(a)	26.(a)	27.(a)	28.(d)
29.(d)	30.(c)	31.(a)	32.(d)
33.(c)	34.(c)	35.(b)	36.(a)
37.(d)	38.(b)	39.(d)	40.(c)
41.(c)	42.(b)	43.(b)	44.(c)
45.(b)	46.(c)	47.(b)	48.(b)
49.(a)	50.(b)	51.(a)	52.(a)
53.(b)	54.(c)	55.(a)	56.(a)
57.(c)	58.(c)	59.(a)	60.(a)
61.(c)	62.(d)	63.(b)	64.(c)
65.(b)	66.(b)	67.(b)	68.(a)
69.(b)	70.(d)	71.(c)	72.(d)
73.(d)	74.(c)	75.(c)	76.(a)
77.(c)	78.(c)	79.(d)	80.(d)

Solutions :-

Sol.1.(c) Logic :- Putting (R = × , S = + and T = -)
8 R 10 S 7 T 12 → 8 × 10 + 7 - 12 =75
18 R 6 S 8 T 30 → 18 × 6 + 8 - 30 = 86
Similarly,
24 R 15 S 9 T 35 → 24 × 15 + 9 - 35 = 334

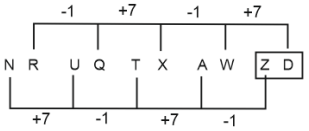
Sol.2.(d)


Sol.3.(a)


Sol.4.(a)


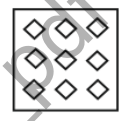
Sol.5.(c)

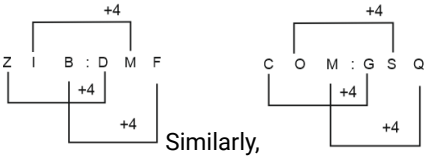

Sol.6.(a) llmmnnoo / l**l**mmnnoo / ll**m**mnnoo / llmm**n**no**o** / llmmnnoo

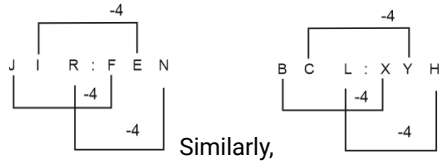
Sol.7.(a)


Sol.8.(b)

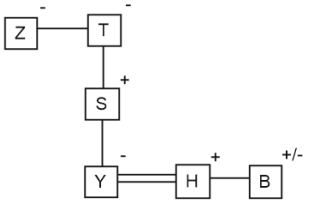

Sol.9.(b) After checking all the options one by one , only option (b) satisfies,
3 ÷ 1 + 5 × 2 − 6 = 1
After interchanging (× and ÷) and 6 and 5 we get,
3 × 1 + 6 ÷ 2 - 5 = 1
LHS = 3 × 1 + 6 ÷ 2 - 5
= 3 + 3 - 5 = 1 = RHS

Sol.10.(a)


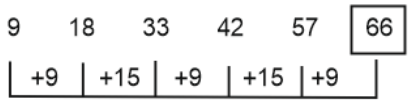
Sol.11.(c)


Sol.12.(b)


Sol.13.(b) Logic:- Letters are directly coded as their respective number
PERSONT → 2495870
RAISED → 963541
S = 5, T = 0, A = 6, R = 9, E = 4 and N = 7
So, STAREN → **'506947'**

Sol.14.(c)


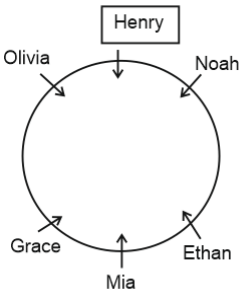
It is clear that S is the wife's father of H

Sol.15.(b)


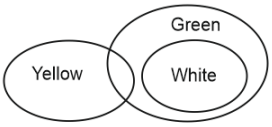
Sol.16.(c)

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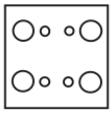


Sol.17.(a)



Both conclusions I and II follows

Sol.18.(c)



Sol.19.(d) Logic: Add first two terms = next term.
8 + 13 = 21 ⇒ 21 + 13 = 34
34 + 21 = 55 ⇒ 55 + 34 = 89
The correct answer is 89.

Sol.20.(c) The correct order is :-
Bow**(3)** → Bower**(5)** → Bowl**(4)** → Box**(1)** → Boy**(2)**

Sol.21.(c) 143. Other Important Articles: Article 141 - Law declared by the Supreme Court to be binding on all courts. Article 142 - Enforcement of decrees and orders of the Supreme Court and orders as to discovery. Article 144 - Civil and judicial authorities to act in aid of the Supreme Court.

Sol.22.(d) Kajri. Other folk dances or folk theater forms of Uttar Pradesh include: Raslila, Swang, Ramlila, Nautanki, Naqal (mimicry), Qawwali, Ragini, Alha and Biraha. Kuchipudi: A classical dance form from Andhra Pradesh. Lavani: A folk dance from Maharashtra. Ghoomar: A traditional dance from Rajasthan.

Sol.23.(c) seventh. Savitri Devi Jindal is an Indian businesswoman and politician. She is the chairperson emerita of the O.P. Jindal Group.

Sol.24.(c) Nuakhai. Harvest Festivals (States) : Baisakhi / Vaisakhi (Punjab and Haryana), Lohri (Punjab), Bohag Bihu (Assam),
Wangala (Meghalaya and Assam), Ka Pomblang Nongkrem (Meghalaya), Onam (Kerala), etc,.

Sol.25.(a) 11. Fundamental Duties in India were inspired by the Constitution of the USSR. They were added to the Indian Constitution through the 42nd Amendment in 1976, based on the Swaran Singh Committee's recommendations. Initially, there were 10 duties, but one more was added with the 86th Amendment in 2002. These duties are non-justiciable in nature.

Sol.26.(a) 2014. Committees for Poverty Line Determination in India: Y. K. Alagh Committee (1979): Introduced national rural and urban poverty lines. D. T. Lakdawala Committee (1993): Extended poverty lines to state level, Allowed for tracking poverty over time and across states. Tendulkar Committee (2009): Reviewed poverty lines, especially rural poverty line, Recognized that existing rural poverty line was too low.

Sol.27.(a) Banks. They act as intermediaries between depositors (those with surplus funds) and borrowers (those who need funds). Schools: Educational institutions focused on teaching and learning. Hospitals: Healthcare institutions providing medical treatment and services. Hotels: Accommodation providers for travelers and guests.

Sol.28.(d) Table Tennis. Other Table Tennis Players: Manika Batra, Sharath Kamal, Sathiyan Gnanasekaran, Mouma Das, Manav Thakkar, Harmeet Desai, and Sanil Shetty.

Sol.29.(d) Holt Mackenzie. The Mahalwari system was introduced in 1822 by Holt Mackenzie and reformed in 1833 under Lord William Bentinck. Implementation areas: Central Province, North-West Frontier, Agra, Punjab, Gangetic Valley. Structure: Land divided into Mahals. Each Mahal consisted of one or more villages. Key features: Entire village (Mahal) treated as a single unit for taxation. Village headman or committee responsible for tax collection. Revenue collection : Collective responsibility of the village. Taxes collected by local leaders, then paid to British authorities.

Sol.30.(c) Three.
Harshvardhana belonged to the Pushyabhuti dynasty. He ruled nearly 1400 years ago and was a great patron of learning and wrote three Sanskrit plays - Nagananda, Ratnavali and Priyadarshika. His court poet, Banabhatta, wrote his biography, the Harshacharita, in Sanskrit.

Sol.31.(a) 75. The PM PVTG Mission was launched in November 2023 to promote the welfare of Particularly Vulnerable Tribal Groups (PVTGs).

Sol.32.(d) Santoor. Pandit Shiv Kumar Sharma is a renowned Indian musician and composer who has revolutionized the role of the Santoor in Hindustani music. His Awards: Padma Vibhushan (2001) and Padma Shri (1991). Instrument and Players: Sitar - Pandit Ravi Shankar, Ustad Vilayat Khan, Nikhil Banerjee and Anoushka Shankar. Sarod - Bahadur Khan, Amjad Ali Khan. Flute - Pannalal Ghosh, Hariprasad Chaurasia, and Raghunath Prasanna. Santoor - Bhajan Sopori, Satish Vyas.

Sol.33.(c) Bhavani Devi. India's top fencer, Bhavani Devi, missed a medal at the 2023 Asian Games after losing to China's Shao Yaqi in the women's sabre quarter-finals in Hangzhou. Her Award: Arjuna Award (2021).

Sol.34.(c) Read and Write. Literacy rate also called the Effective Literacy rate is the total percentage of the population of an area at a particular time aged seven years or above who can read and write with understanding. As per Census 2011, the literacy rate at all India level is 74.04% and the literacy rate for females and males are 65.46% and 82.14% respectively.

Sol.35.(b) Both A and B is true.
The d-block elements are also known as transition metals and are located in groups 3 to 12 of the periodic table. Examples of d-Block Elements: Scandium (Sc), Titanium (Ti), Vanadium (V), Chromium (Cr), Manganese (Mn), and Iron (Fe). Inner-transition elements - It refers to the elements in the f-block of the periodic table. These include the Lanthanides and Actinides.

Sol.36.(a) Public goods - It is a service or commodity available to all members of society without reducing its availability to others, typically provided by the government and funded through taxes. Complementary goods: Products that are used together, where the use of one enhances the use of the other (e.g., printers and ink cartridges). Private goods: Goods that are excludable and rivalrous and they can be owned individually (e.g., food, clothing). Supplementary goods: Goods that enhance or supplement other goods but are not necessary to be used together.

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Sol.37.(d) Commerce & Industry. The India-UAE Comprehensive Economic Partnership Agreement (CEPA) is a free trade agreement between India and the United Arab Emirates (UAE). Aim: To boost trade and investment between India and the UAE, and to create a more favorable environment for businesses from both countries to operate in each other's markets.

Sol.38.(b) Dekhni. Other folk dances of Goa - Dashavatara, Dhalo, Dhangar, Fugdi, Ghodemodni, Goff, Kunbi, Muslam Khel, Perni Jagar, Ranamale, Romta Mel, Divlyan Nach (Lamp Dance) and Veerabhadra. Lava is a folk dance from Punjab. Kolkali is a folk dance from Kerala.

Sol.39.(d) Saina Nehwal. She is a renowned Indian badminton player who has achieved numerous accolades, including: Olympic bronze medal (2012), World Championship silver medal (2015), Commonwealth Games gold medal (2018), Asian Games bronze medal (2014). Mary Kom (boxer). Mithali Raj (cricketer). Sakshi Malik (wrestler).

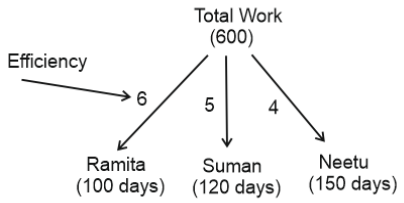
Sol.40.(c) Badminton. The badminton smash technique is a powerful shot that involves hitting the shuttlecock downwards into the opponent's court with immense force, making it difficult for them to return. Other badminton terminologies: Half court shot – A low shot to the midcourt, usually used in doubles games. Backcourt – Back one thirds of the court before the boundary lines on either side of the net. Wood shot – A shot with the frame of a racket.

Sol.41.(c) Discount percentage
$= \frac{10500-8820}{10500} \times 100 = 16\%$

Sol.42.(b)
Ratio - vijay : Ramesh
Time - 7 : 5
Efficiency - 5 : 7
Total work = (5 + 7) × 25 = 300 units
Time taken by vijay = $\frac{300}{5}$ = 60 days

Sol.43.(b) According to the question,
$\frac{P}{Q} = \frac{4}{5}$
So $\frac{(P+Q)}{P} = \frac{(4+5)}{4} = \frac{9}{4}$

Sol.44.(c)



Share of suman = $6000 \times \frac{5}{(6+5+4)}$
= Rs. 2000

Sol.45.(b)
Profit % = $10 - 5 - \frac{10 \times 5}{100}$ = 4.5%

Sol.46.(c) According to the question,
20% + 20 = 70% - 5
50% = 25
(total marks) 100% = $\frac{25}{50} \times 100 = 50$
Required marks = $50 \times \frac{20}{100} + 20 = 30$

Sol.47.(b) As we know $6^n \rightarrow$ unit digit will always be 6
Here 36^{29} is divided by 10 . The remainder will be
$\frac{6}{10}$ = 6.
The correct answer is 6.

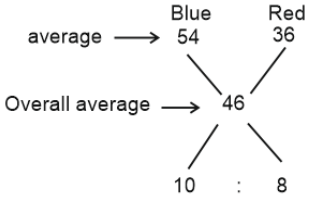
Sol.48.(b) $5 + 3 \times 2 - 4$
$5 + 6 - 4 = 7$

Sol.49.(a)
Let the purchase price of the cycle = x
$x \times \frac{9}{10} \times \frac{9}{10} \times \frac{9}{10} = 10935$
$x = 15000$

Sol.50.(b) Fraction value of 25% = $\frac{1}{4}$
Ratio of CP and SP = 4 : 3

Sol.51.(a) Sum of weight of two players = 2 × 42 = 84 kg
Sum of weight of two players and coach = 3 × 55 = 165 kg
So the weight of the coach = 165 - 84
= 81 kg

Sol.52.(a)



So the number of red colour hats
$= 36 \times \frac{8}{(10+8)} = 16$

Sol.53.(b) Relative speed of the trains = 95 - 60 = 35 km/h
Also, time taken by faster trains to cross a man sitting in the slower train = 36 sec.
speed= $\frac{distance}{time}$
$\frac{5}{18} \times 35 = \frac{length\ of\ faster\ train}{36}$
Length of faster train = 350 m

Sol.54.(c) Required value
$= (\frac{2}{2}) : (\frac{3}{6}) : (\frac{5}{5}) = (1 : \frac{1}{2} : 1) = 2 : 1 : 2$

Sol.55.(a) Required percentage
$= \frac{729-243}{729} \times 100 = 66.66\%$

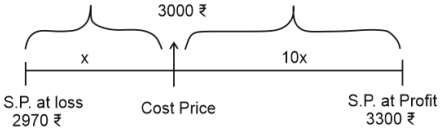
Sol.56.(a) Let the principal = $5x$
So the interest = $5x \times \frac{2}{5} = 2x$
SI = $\frac{p \times r \times t}{100} \Rightarrow 2x = \frac{5x \times r \times 10}{100}$
r = 4%

Sol.57.(c) Divisibility rule of 4 = last 2 digits of the number is divisible by 4
Divisibility rule of 5 = last digit of the number is either 5 or 0.
By checking option one by one option (c) is satisfied.
75 + 5 = 80 (divisible by 4 and 5)

Sol.58.(c) $444 \div 3 + 1400 \div 7 - 51$
$148 + 200 - 51 \Rightarrow 348 - 51 = 297$

Sol.59.(a)
Radius of the hemisphere = $\frac{84}{2}$ = 42 cm
Volume of the hemisphere = $\frac{2}{3}\pi r^3$
Volume of the hemisphere
$= \frac{2}{3} \times \frac{22}{7} \times 42 \times 42 \times 42 = 155{,}232\ cm^3$

Sol.60.(a)



Difference of SP = 3300 - 2970 = 330
(x + 10x) units = 330
x units = 30
So the CP = 2970 + 30 = 3000
Required SP = $3000 \times \frac{13}{10}$ = 3900 Rs

Sol.61.(c) Fest- a celebration or festival.
Carnival- a public festival, usually one that happens at a regular time each year.
Heavily- to a great extent or in large amounts.
Funeral- a ceremony held after a person's death.
Sedate- calm, quiet, or composed.

Sol.62.(d) was built
The given sentence is a passive voice of simple past tense and therefore we will use the third form of the verb. Hence,

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'was built' is the most appropriate answer.

Sol.63.(b) ignoring me since
'For' is used for a definite period of time given in numerals(three). Hence, 'ignoring me for' is the most appropriate answer.

Sol.64.(c) Non-influential- not affecting or changing something.
Formative- relating to the development or shaping of something.
Developmental- pertaining to growth or progress.
Shaping- influencing or forming something.
Pliant- flexible and easily influenced or shaped.

Sol.65.(b) gained
'Has/have/had' takes the third form of the verb. Hence, 'gained(V_3)' is the most appropriate answer.

Sol.66.(b) forget to grease
The first form of the verb is used after the preposition 'to'. Hence, 'forget to grease' is the most appropriate answer.

Sol.67.(b) the much helpless we feel in
"The + comparative ... the + comparative" is the correct structure, known as successive comparison. Therefore, 'the much' must be replaced with 'the more'. Hence, 'the more helpless we feel' is the most appropriate answer.

Sol.68.(a) To pass the hat round- to ask for contributions.
E.g.- At the end of the party, they passed the hat round to collect money for the host's birthday gift.

Sol.69.(b) Blessed- enjoying happiness or good fortune.
Doomed- certain to fail or suffer.
Irresponsible- not showing responsibility or care.
Glowing- radiant or giving off light.
Ill-fated- having a destiny marked by misfortune or disaster.

Sol.70.(d) In the heat of the moment- overwhelmed by what is happening in the moment.
E.g.- In the heat of the moment, he agreed to the deal without reading the contract carefully.

Sol.71.(c) no error
The given sentence is grammatically correct.

Sol.72.(d) shifted to
'Has/have/had' takes the third form of the verb. Hence, 'shifted(V_3) to' is the most appropriate answer.

Sol.73.(d) Men and women balance each other out, and we have to get to a point where we are comfortable with appreciating each other.
'Comfortable', 'appreciating' and 'other' are the correct spellings.

Sol.74.(c) also he was not disposed to be quick friends
'Disposed to' means likely to do something. The given sentence states that he was not likely to be quick friends with anyone. Hence, 'also he was not disposed to be quick friends' is the most appropriate answer.

Sol.75.(c) Younger workers typically has
'Young workers' is a plural subject that will take 'have' as a plural verb. Hence, 'Younger workers typically have' is the most appropriate answer.

Sol.76.(a) enlighten
'Enlighten' means to give (someone) greater knowledge and understanding about a subject or situation. The given passage states that literature has the power to enlighten the human spirit and expand our horizons. Hence, 'enlighten' is the most appropriate answer.

Sol.77.(c) broaden
'Broaden' means to make someone understand more about different subjects, ideas, places, etc. The given passage states that literature has the ability to broaden our perspectives. Hence, 'broaden' is the most appropriate answer.

Sol.78.(c) injustice
'Injustice' means lack of fairness or justice. The given passage states that it can serve as a mirror to reflect the injustice of society. Hence, 'injustice' is the most appropriate answer.

Sol.79.(d) worlds
The given passage states that reading is a transformative experience that can transport readers to different worlds. Hence, 'worlds' is the most appropriate answer.

Sol.80.(d) realize
'Realize' means to grasp or understand completely. The given passage states that in order to realize the benefits of literature, it's essential to encourage a love for reading and make it accessible to all. Hence, 'realize' is the most appropriate answer.

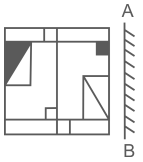
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SSC GD Constable
07/03/2024 (3rd Shift)

Reasoning

Q.1. If a mirror is placed on the line AB, then which of the option figures will be the correct image of the question figure ?



(a) 
(b) 
(c) 
(d) 

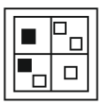
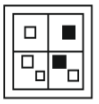
Q.2. In the following question some statements are given and some conclusions based on those statements. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions carefully and decide which of the given conclusions logically follows from the given statements.

Statements :
I. All players are tall.
II. All tall are short.
Conclusions :
I. Some players are short.
II. No short is player.
(a) Neither conclusion follows the statements
(b) Both conclusions I and II follow the statements
(c) Only conclusion I follows the statements
(d) Only conclusion II follows the statements

Q.3. From the following options select the option that is related to the third word in the same way as the second word is related to the first word.
Moscow : Russia : Cairo : ?
(a) Greece (b) Egypt (c) Turkey (d) Italy

Q.4. In the following question, select the figure from the given options which can be placed at the place of question mark (?).

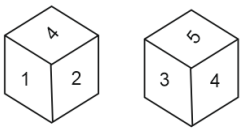


(a) 
(b) 
(c) 
(d) 

Q.5. If A + B means, A is the wife of B, A × B means A is the father of B, A ÷ B means A is the mother of B. A $ B means A is the brother of B and A - B means A is the sister of B.
If Z - T ÷ S × Y + H $ B , then how is Z related to S ?
(a) sister's mother (b) mother's brother
(c) mother's sister (d) mother

Q.6. Select the missing number from the given series from the following options.
11, 33, 99, 297, ?, 2673
(a) 9021 (b) 9001 (c) 811 (d) 891

Q.7. Two positions of a dice are given below. Which of the following options will come on the face opposite to the face with '2' ?



(a) 1 (b) 3 (c) 5 (d) 6

Q.8. In a certain code language, 'ABROAD' is written as '129614' and 'COUPLE' is written as '363735'. How will 'DECADE' be written in the same code language ?
(a) 453145 (b) 453154
(c) 451345 (d) 453415

Q.9. In the following question, select the related letters from the given alternatives.
AMG : XJD : NZT : ?
(a) PHJ (b) LOV (c) KWQ (d) QRT

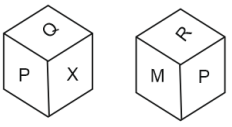
Q.10. In a certain code language, 'ADDITION' is written as '76', 'SUBTRACTION' is written as '142'. How will 'DIVISION' be written in the same code language ?
(a) 94 (b) 84 (c) 101 (d) 120

Q.11. Arrange the given words in English alphabetical order.
1. MONKEY 2. MULE 3. MOUSE
4. MAGPIE 5. MOTH
(a) 4, 2, 1, 3, 5 (b) 4, 1, 5, 2, 3
(c) 4, 1, 5, 3, 2 (d) 4, 1, 3, 2, 5

Q.12. Which one of the following sets of letters when sequentially placed in the gaps in the given letter series will complete the series ?
_yxxy_xx_yyyxxxxy_yy
(a) xyxx (b) xyyy (c) xyyx (d) xyxy

Q.13. Which two signs in the given options should be interchanged to make the following equation correct ?
10 ÷ 5 + 4 × 3 - 2 = 0
(a) - and = (b) + and -
(c) = and + (d) × and -

Q.14. Two positions of a dice are given below. What will come on the face opposite to the face with 'Q' ?

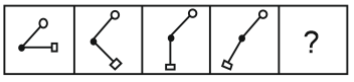


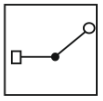
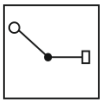
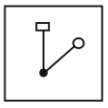
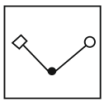
(a) R (b) X (c) P (d) M

Q.15. Which two signs in the given options should be interchanged to make the following equation correct ?
18 ÷ 3 - 5 = 10 × 2 + 21
(a) = and + (b) - and +
(c) ÷ and × (d) × and +

Q.16. Five persons A, B, C, D and E are sitting around a circular table facing the centre (but not necessarily in the same order). C is not an immediate neighbor of A. B sits second to the left of E. A sits second to the right of E. Who is sitting immediate left of C ?
(a) D (b) A (c) B (d) E

Q.17. Select the figure from the given options which can be placed at the place of question mark (?) in the given figure series.



(a) 
(b) 
(c) 
(d) 

Q.18. In the following question, select the missing number from the series from the given options.
50, 49, 53, 26, 42, ?
(a) - 70 (b) - 83 (c) - 73 (d) - 60

Q.19. Which of the following letter-cluster will come in place of the question mark (?) in the given series ?
TY, ?, VW, WV, XU, YT
(a) UX (b) YV (c) VY (d) ZX

Q.20. Eight members of a family M, N, O, P, Q, R, T, and U are going to a wedding party. They all sit around a circular table for dinner facing the centre, but not necessarily in the same order. O sits third to the right of M. Q is sitting opposite to O. U is sitting opposite to T. N sits third to

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the left of Q . P sits second to the left of M. R sits immediate right of T. Who is sitting immediate right of N ?
(a) M (b) T (c) U (d) Q

General Awareness

Q.21. How many elements are present in the first period of the periodic table ?
(a) two (b) three (c) five (d) four

Q.22. Prakash Padukone was a famous player of which of the following sports ?
(a) Badminton (b) Lawn Tennis
(c) Cricket (d) Table Tennis

Q.23. The policy of Permanent Settlement in India was started in _____ .
(a) 1783 (b) 1773 (c) 1763 (d) 1793

Q.24. Instrumentalist Shiv Kumar Sharma is associated with which musical instrument ?
(a) Been (b) Tabla (c) Piano (d) Santoor

Q.25. _____ is a tribal dance of the Bhil community of Rajasthan.
(a) Raasleela (b) Bihu
(c) Garba (d) Ghoomar

Q.26. The official theme of the 36th edition of the National Games of India 2022 was _____.
(a) Celebrating freedom through sports
(b) Celebrating unity through sports
(c) Celebrating secularism through sports
(d) Celebrating health through sports

Q.27. Census work in India is conducted in two phases. What are these two phases ?
(a) Household Survey and Agricultural Census
(b) Initial and final Census
(c) House Listing and House Enumeration, Population Census
(d) Urban Census and Rural Census

Q.28. Kharchi Puja, Garia Puja, Ker Puja, Biju Festival, Tirtha Mukha Festival, Ashokashtami, Ganga Puja, Lampara Puja, Vah Festival are the major festivals of _____ tribes.
(a) Telangana (b) Tripura
(c) Arunachal Pradesh (d) Tamil Nadu

Q.29. Sadhana S. Nair is the second woman officer from the _____ branch of the Indian Air Force (IAF) to attain the coveted rank of Air Marshal.
(a) education (b) logistics
(c) flying (d) medical

Q.30. Karthikeyan Murali is associated with which of the following sports ?
(a) Tennis (b) Badminton
(c) Chess (d) Carrom

Q.31. Which of the following teams was the runner-up in ISL 2022/23 ?
(a) Hyderabad FC (b) Bengaluru FC
(c) Kerala Blasters (d) ATK Mohun Bagan

Q.32. On September 24, 2023, the Prime Minister of India flagged off _____ Vande Bharat trains through video conferencing.
(a) eight (b) ten (c) seven (d) nine

Q.33. Which of the following Kathak dance artist was awarded 'Padma Vibhushan' in the year 1986 ?
(a) Sitara Devi
(b) Pandit Birju Maharaj
(c) Rukmini Devi Arundale
(d) Shovana Narayan

Q.34. The Five-Year Plans were formulated, implemented and regulated by a body called the _____ Commission.
(a) Annual (b) Planning
(c) Senior (d) Sectional

Q.35. Where among the following is the headquarters of Indian Bureau of Mines located ?
(a) Jabalpur (b) Kanpur
(c) Ranchi (d) Nagpur

Q.36. The post of Speaker of the Lok Sabha is mentioned in _____of the Indian Constitution.
(a) Article 93 (b) Article 91
(c) Article 90 (d) Article 92

Q.37. According to Article 32 of the Indian Constitution, the Right to Constitutional Remedies is for the enforcement of _____ .
(a) Fundamental Rights
(b) Directive Principles
(c) Dictatorship
(d) Fundamental Duties

Q.38. ____is the difference between total expenditure and total receipts of the government excluding borrowing.
(a) Primary deficit (b) Fiscal deficit
(c) Revenue surplus (d) Revenue deficit

Q.39. Who among the following was the founder of the Satavahana dynasty in India ?
(a) Chandragupta-II (b) Menander
(c) Pushyamitra Shunga (d) Simuka

Q.40. As per the 2011 census of India, which of the following neighbouring countries is not among the top 10 most populous countries in the world ?
(a) Bangladesh (b) Pakistan
(c) China (d) Sri Lanka

Quantitative Aptitude

Q.41. Find the value of
$8\frac{1}{4} + 2\frac{1}{3} + 4\frac{2}{3} - 6\frac{1}{4}$?
(a) 6 (b) 9 (c) 8 (d) 7

Q.42. The selling price of a bat is Rs 988 and the profit percentage is 30 percent. If the profit percentage is 25 percent, then what will be the selling price of the bat ?
(a) Rs 920 (b) Rs 940
(c) Rs 900 (d) Rs 950

Q.43. A can build a wall in 8 days, while B can break it in 3 days. A worked for 4 days, and then B joined A to work for 2 more days only. In how many days will A alone build the remaining part of the wall ?
(a) $\frac{25}{3}$ Days (b) $\frac{22}{3}$ Days
(c) $\frac{27}{4}$ Days (d) $\frac{21}{4}$ Days

Q.44. A shopkeeper gives 20% discount on a shirt marked at ₹1500. What is the selling price of the shirt ?
(a) Rs 1200 (b) Rs 1320
(c) Rs 1100 (d) Rs 1000

Q.45. A truck covers a distance of 20 km in 30 minutes. If its speed is reduced by 15 km/hr, how much time will it take to cover the same distance ?
(a) 54 minutes (b) 38 minutes
(c) 48 minutes (d) 78 minutes

Q.46. What is the total surface area of a cylinder with base radius 2.8 cm and height 6 cm ?
(a) 154.88 cm^2 (b) 136.82 cm^2
(c) 128.54 cm^2 (d) 172.96 cm^2

Q.47. Ram's average expenditure for 5 days is Rs 180. If his expenditure on the first 4 days is Rs. 120, Rs. 160, Rs. 40 and Rs. 190 respectively, then what is his expenditure on the 5th day ?
(a) Rs. 410 (b) Rs. 350
(c) Rs. 390 (d) Rs. 370

Q.48. The least common multiple of two numbers is 990 and their product is 9900. What is their greatest common factor ?
(a) 12 (b) 8 (c) 9 (d) 10

Q.49. The length of a rectangular plot is increased by 20 percent. By what percent should its width be reduced so that the total area remains unchanged ?
(a) 16.66 percent (b) 15 percent
(c) 25 percent (d) 20 percent

Q.50. Find the value of
$400 \times 5 \div 8 + 32 \times 3$?

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(a) 312 (b) 288 (c) 324 (d) 346

Q.51. Find the value of
[14 + (27 ÷ 3 × 2) + (4 + 7 - 2)] ?
(a) 28 (b) 27 (c) 41 (d) 39

Q.52. If Rs 4500 becomes Rs 5989.5 in 3 years at compound interest (compounded annually), then what is the annual rate of interest ?
(a) 15 percent (b) 20 percent
(c) 12 percent (d) 10 percent

Q.53. Out of two numbers, 63 percent of the smaller number is equal to 45 percent of the larger number. If the sum of the two numbers is 1728, then what is the value of the larger number ?
(a) 1088 (b) 1108 (c) 1008 (d) 1188

Q.54. An item is sold for Rs 1100 after a discount of 45%. What is the marked price of the item ?
(a) Rs 2000 (b) Rs 1800
(c) Rs 2200 (d) Rs 2400

Q.55. The average of 8 values is 36. If 4 is subtracted from each of the first three values and 5 is added to each of the next five values, what will be the new average ?
(a) 35.550 (b) 38.750
(c) 36.650 (d) 37.625

Q.56. A principal amount of Rs 40000 is invested at simple interest for 10 years. How much will that sum be after 10 years, if the annual interest rate is 5 percent ?
(a) Rs 75000 (b) Rs 83000
(c) Rs 60000 (d) Rs 44000

Q.57. Three numbers are in the ratio 4 : 5 : 6. If the sum of the largest and the smallest number is 6000, then what is the difference between the largest and the smallest number ?
(a) 600 (b) 2400 (c) 1800 (d) 1200

Q.58. If the selling price of a watch is Rs. 6912 and loss percentage is 28%, then what is the cost price of the watch ?
(a) Rs 9500 (b) Rs 9000
(c) Rs 8800 (d) Rs 9600

Q.59. If a : b, is 5 : 6 and b : c is 2 : 3 then find the value of a : b : c ?
(a) 2 : 6 : 5 (b) 5 : 6 : 3
(c) 5 : 6 : 9 (d) 5 : 6 : 7

Q.60. Aman alone can complete a work in 7 days by working 4 hours per day. Geeta alone can complete the same work in 2 days by working 7 hours a day. How many hours per day will they have to work together to finish the same work in 7 days ?
(a) $\frac{3}{7}$ hours (b) $\frac{4}{9}$ hours
(c) $\frac{5}{8}$ hours (d) $\frac{4}{3}$ hours

English

Q.61. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Sometimes you just need to stop **contemplating over the past** and make a decision.
(a) Tongue and cheek
(b) Make no bones about
(c) Chew the cud
(d) Spill the beans

Q.62. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Conserving mangroves where they occurring together with coral reefs can multiply the flood protection benefits from habitats.
(a) together with coral reefs can multiply the
(b) Conserving mangroves where they occurring
(c) flood protection benefits from habitats.
(d) No error

Q.63. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The family <u>was in mourning</u> for a month.
(a) was in mourn (b) is in mourns
(c) were in mourning (d) No improvement

Q.64. Choose the option which are antonyms (opposite of) the word used in t the sentence given below:
His altruistic efforts to raise money for charity were met with praise, but his selfish actions in hoarding resources for personal gain raised concerns about his true motivations.
(a) altruistic/selfish (b) hoarding/gain
(c) actions/concerns (d) money/charity

Q.65. Select the sentence with no spelling errors.
(a) We need one's time and finanses to help one's fellow man.
(b) We need ons time and finances to help one's fellow man.
(c) We need one's time and finances to help one's felow man.
(d) We need one's time and finances to help one's fellow man.

Q.66. Choose the most appropriate synonym of the underlined word.
The business may become a **<u>nuisance</u>** when conducted in some localities, or in an improper manner.
(a) Help (b) Bother
(c) Aid (d) Convenience

Q.67. Select the most appropriate word to fill in the blank.
_____ careful - that clock is very old.
(a) Being (b) I (c) Be (d) Been

Q.68. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. Our little ones needs to get the desired hours of sleep every day.
(a) No erroor
(b) of sleep every day.
(c) Our little ones needs
(d) to get the desired hours

Q.69. Select the most appropriate word to fill in the blank.
He's charming;_____. I don't quite trust him.
(a) since (b) because
(c) nevertheless (d) and

Q.70. Select the incorrectly spelt word from the given sentence.
Regardless of the consequences, she had dedicated herself to science and to reveeling the mysteries of the physical world.
(a) Regardless (b) consequences
(c) mysteries (d) revealing

Q.71. Select the most appropriate antonym of the given word.
Anomaly
(a) Aberration (b) Abnormality
(c) Deviation (d) Conformity

Q.72. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
Rusty's own house (back at Berlin do not even have) a name; it was just called number four.
(a) back at Berlin doesn't even have
(b) back in Berlin didn't even have
(c) back on Berlin didn't have
(d) No correction required

Q.73. Select the most appropriate option for the given blank.
I have _____ in love with her
(a) docked (b) slide (c) crashed (d) fallen

Q.74. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The smallest dog barks the loud.
(a) dog barks (b) No error

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(c) the loud. (d) The smallest

Q.75. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To get purple with rage
(a) To become very angry
(b) To get nowhere in life
(c) To bring no harm
(d) To fight over small things

Cloze Test :
Direction :- [Q.76. to Q.80.]
Every year, more than two billion tonnes of sand and dust travel over thousands of kilometres (76)_____the Earth's atmosphere. Sand and dust storms are ameteorological phenomenon characterised by strong and (77)_____ winds lifting an ensemble of small particles to great heights. They are known to have (78)_____impacts on human health, the environment and economies. Sand and dust storms (79)_____a formidable challenge to achieving 11 of the 17 Sustainable Development Goals, according (80)_____the United Nations Food and Agriculture Organization (FAO) report

Q.76. (a) through (b) beneath
(c) along (d) with

Q.77. (a) laconic (b) tranquil
(c) bane (d) turbulent

Q.78. (a) partake (b) lousy
(c) puny (d) adverse

Q.79. (a) placate (b) present
(c) dawn (d) hone

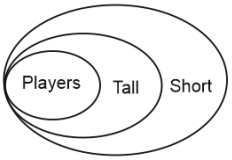
Q.80. (a) too (b) of
(c) to (d) off

Answer Key :-

1.(d)	2.(c)	3.(b)	4.(d)
5.(c)	6.(d)	7.(b)	8.(a)
9.(c)	10.(c)	11.(c)	12.(d)
13.(d)	14.(d)	15.(a)	16.(c)
17.(a)	18.(b)	19.(a)	20.(c)
21.(a)	22.(a)	23.(d)	24.(d)
25.(d)	26.(b)	27.(c)	28.(b)
29.(d)	30.(c)	31.(b)	32.(d)
33.(b)	34.(b)	35.(d)	36.(a)
37.(a)	38.(b)	39.(d)	40.(d)
41.(b)	42.(d)	43.(b)	44.(a)
45.(c)	46.(a)	47.(c)	48.(d)
49.(a)	50.(d)	51.(c)	52.(d)
53.(c)	54.(a)	55.(d)	56.(c)
57.(d)	58.(d)	59.(c)	60.(d)
61.(c)	62.(b)	63.(d)	64.(a)
65.(d)	66.(b)	67.(c)	68.(c)
69.(c)	70.(d)	71.(d)	72.(b)
73.(d)	74.(c)	75.(a)	76.(a)
77.(d)	78.(d)	79.(b)	80.(c)

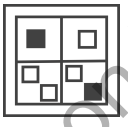
Solutions :-

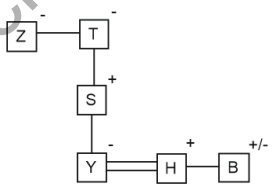
Sol.1.(d)


Sol.2.(c)


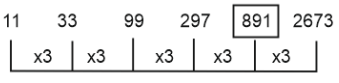
Only conclusion I follows the statements

Sol.3.(b) Just as Moscow is the capital of Russia similarly Cairo is the capital of Egypt.

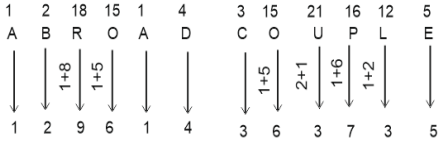
Sol.4.(d)


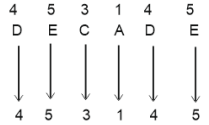
Sol.5.(c)


It is clear that Z is the mother's sister of S.

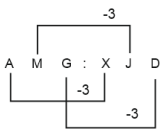
Sol.6.(d)


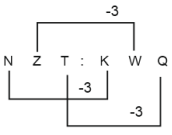
Sol.7.(b) 4 is common in both dice.
So, 2 ↔ **3** and 1 ↔ 5

Sol.8.(a)




Similarly,

Sol.9.(c)


Similarly,


Sol.10.(c)
Logic : Sum of the place value of letters
ADDITION **:-**
(1 + 4 + 4 + 9 + 20 + 9 +15 + 14) = 76
SUBTRACTION **:-** (19 + 21 + 2 + 20 + 18 + 1 + 3 + 20 + 9 + 15 +14) = 142
Similarly,
DIVISION **:-**
(4 + 9 + 22 + 9 + 19 + 9 + 15 + 14**)** = **101**

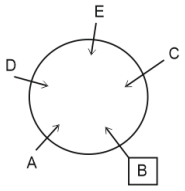
Sol.11.(c) The correct order is :-
MAGPIE **(4)** → MONKEY **(1)** → MOTH **(5)** → MOUSE **(3)** → MULE **(2)**

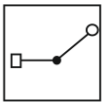
Sol.12.(d) **x**y/xxy**y**/xx**x**yyy/xxxxy**y**yy

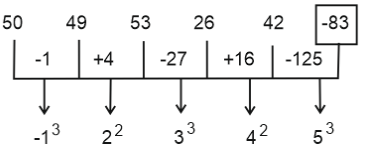
Sol.13.(d) Given :- 10 ÷ 5 + 4 × 3 - 2 = 0
After checking all options one by one, option (d) satisfied. After interchanging the signs × and - we get,
10 ÷ 5 + 4 - 3 × 2 = 0
LHS = 10 ÷ 5 + 4 - 3 × 2
= 2 + 4 - 6
= 0 = RHS

Sol.14.(d) P is common in both dice.
So, Q ↔ **M** and X ↔ R

Sol.15.(a) Given :- 18 ÷ 3 - 5 = 10 × 2 + 21
After checking all options one by one , option (a) satisfied.After interchanging = and + we get,
18 ÷ 3 - 5 + 10 × 2 = 21
LHS = 18 ÷ 3 - 5 + 10 × 2
= 6 - 5 + 20
= 21 = RHS

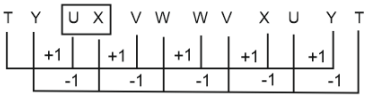
Sol.16.(c)


Sol.17.(a)


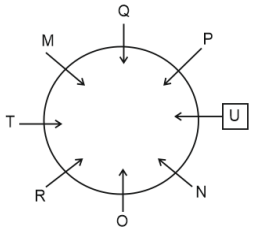
Sol.18.(b)


Sol.19.(a)

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Sol.20.(c)



Sol.21.(a) two. The first period of the periodic table contains only two elements: Hydrogen (H) - Atomic number 1 and Helium (He) - Atomic number 2. These two elements are the lightest elements in the periodic table.

Sol.22.(a) Badminton.
Prakash Padukone is a former Indian badminton player. He won numerous national and international titles, including the All England Open Badminton Championships in 1980. He was also awarded the Arjuna Award in 1972 and the Padma Shri in 1982 for his contributions to the sport.

Sol.23.(d) 1793.
The Permanent Settlement was implemented by Lord Cornwallis. The policy fixed the land revenue permanently, allowing zamindars (landlords) to collect rent from peasants and making them responsible for paying a fixed amount to the British government. The share of the government in the total land revenue collected by the zamindars was kept at $10/11^{th}$, and the remainder went to zamindars.

Sol.24.(d) Santoor. Santoor - A traditional Kashmiri stringed instrument. Other Instrumentalists : Santoor - Bhajan Sopori, Tarun Bhattacharya etc. Tabla - Zakir Hussain, Allah Rakha etc. Sarod - Allauddin Khan, Ali Akbar Khan, Amjad Ali Khan, etc.

Sol.25.(d) Ghoomar : This popular dance of Rajasthan is performed mainly by women, this dance is full of fast spins and intricate foot movements. Raasleela (Uttar Pradesh), Bihu (Assam), and Garba (Gujarat).

Sol.26.(b) Celebrating unity through sports. The 36^{th} edition of the National Games of India 2022 was held in Gujarat. The logo depicted an Asiatic lion head makeup of sporting pictograms and the Statue of Unity. The game's mascot was Savaj the Asiatic lion. The 2024 National Games of India, (The 38^{th} National Games of India 2024) will be held in the state of Uttarakhand.

Sol.27.(c) The Census of India is conducted in two phases : House Listing - This phase involves collecting information about the houses, such as the location, type of building, and amenities available. Population Census (House Enumeration) : This phase involves collecting information about the individuals living in the houses, such as their demographic and socio-economic characteristics.

Sol.28.(b) Tripura. Kharchi Puja - It is the worship of the fourteen gods of Tripura and is celebrated in the month of July-August. It ends up with sacrifices of cattle to the Earth God. Other States' Festivals : Arunachal Pradesh - Reh, Losar, Dree etc. Tamil Nadu - Pongal, Thaipusam, Jallikattu etc. Telangana - Bonalu, Bathukamma etc.

Sol.29.(d) medical. Sadhana S. Nair was commissioned into the Indian Air Force in 1985. For her distinguished service of high order, Hon'ble President awarded Vishisht Seva Medal to Group Captain Sadhana Saxena Nair.

Sol.30.(c) Chess. Karthikeyan Murali is an Indian chess grandmaster who was awarded the title of Grandmaster by FIDE in 2015. Other Indian Chess Players : Arjun Erigaisi, Gukesh, Praggnanandhaa, Viswanathan Anand, Vidit Gujrathi, Humpy Koneru, Harika Dronavalli, Vaishali Rameshbabu, Divya Deshmukh, Vantika Agrawal etc.

Sol.31.(b) Bengaluru FC. They lost to ATK Mohun Bagan in the final match. The Indian Super League is the men's highest level of the Indian football league system. ISL is administered by the All India Football Federation. Founded: 21 October 2013.

Sol.32.(d) nine. On 15 February 2019, the first Vande Bharata Express between New Delhi and Varanasi was flagged off at the New Delhi railway station by Prime Minister Narendra Modi. The train was produced locally at the Integral Coach Factory in Chennai. It can run up to a maximum speed of 160 km per hour.

Sol.33.(b) Pandit Birju Maharaj : He was a leading exponent of the Lucknow Kalka-Bindadin style of Kathak. Sitara Devi : Awarded Padma Shri (1973) for Kathak. Rukmini Devi Arundale : Awarded Padma bhushan (1956) for Bharatanatyam. Shovana Narayan : Awarded Padma Shri (1992) for Kathak.

Sol.34.(b) Planning.
The Planning Commission of India was established in 1950. The Planning Commission was a government body responsible for planning and implementing five-year plans to promote economic development and growth in India. The Planning Commission was replaced by the National Institution for Transforming India (NITI Aayog) in 2015.

Sol.35.(d) Nagpur. The Indian Bureau of Mines (IBM) is a government agency responsible for promoting the development and conservation of mineral resources in India. The IBM was established on 1st March,1948 and is under the Ministry of Mines, Government of India.

Sol.36.(a) Article 93 : It states that the Lok Sabha shall, as soon as may be, choose two members of the House to be respectively the Speaker and the Deputy Speaker thereof. Article 90 : Vacation and resignation of, and removal from, the office of Deputy Chairman. Article 91 : Power of the Deputy Chairman or other person to perform the duties of the office of, or to act as, Chairman. Article 92 : The Chairman or the Deputy Chairman not to preside while a resolution for his removal from office is under consideration.

Sol.37.(a) Fundamental Rights : These are the basic human rights enshrined in the Constitution of India which are guaranteed to all citizens. Article 32 provides that the Supreme Court shall have the power to issue directions, orders, or writs for the enforcement of the Fundamental Rights guaranteed by the Constitution. Fundamental Duties are responsibilities of citizens. Directive Principles are guidelines for the government to follow while making laws, but they are not enforceable in court.

Sol.38.(b) Fiscal deficit : It is the difference between total expenditure and total receipts of the government, excluding borrowing. Fiscal deficit indicates the total borrowing required to meet expenses. Fiscal Deficit = Total Expenditure - Total Receipts (excluding borrowing). Revenue Deficit = Total Expenditure - Total Receipts.

Sol.39.(d) Simuka. Chandragupta-II was a Gupta emperor. Menander was a Greek

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king of the Indo-Greek Kingdom. Pushyamitra Shunga was the founder of the Shunga dynasty, which ruled after the Mauryan Empire.

Sol.40.(d) Sri Lanka. As per the 2011 census of India, Sri Lanka is not among the top 10 most populous countries in the world. The top 10 most populous countries as per 2011 census of India are China, India, United States, Indonesia, Pakistan, Brazil, Bangladesh, Nigeria, Russia, Japan.

Sol.41.(b) $8\frac{1}{4} + 2\frac{1}{3} + 4\frac{2}{3} - 6\frac{1}{4}$

$= \frac{33}{4} + \frac{7}{3} + \frac{14}{3} - \frac{25}{4}$

$= \frac{33}{4} - \frac{25}{4} + \frac{7}{3} + \frac{14}{3}$

$= \frac{33-25}{4} + \frac{7+14}{3}$

$= \frac{8}{4} + \frac{21}{3} = 2 + 7 = 9$

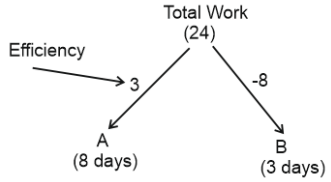
Sol.42.(d) Cost price of bat

$= 988 \times \frac{100}{130}$ = Rs. 760

Now, for profit of 25%,

SP of bat = $760 \times \frac{125}{100}$ = Rs. 950

Sol.43.(b)



Work done by A in 4 days = 4 × 3
= 12 unit
Remaining work = 24 - 12 = 12 unit
Now , A and B together work for 2 days
Then, work done in 2 days
= 2 × (- 8 + 3) = - 10 unit
So, remaining work after 2 days
= 12 - (- 10) = 22 unit
Hence, time taken by A to built the remaining part of wall = $\frac{22}{3}$ days

Sol.44.(a)

Selling price = $1500 \times \frac{80}{100}$ = Rs. 1200

Sol.45.(c) Speed of truck = $\frac{20}{0.5}$

= 40 km/h
Now, after deducting the speed of truck by 15 km/h
New speed = (40 - 15) km/h = 25 km/h
So, required time = $\frac{20}{25} \times 60$
= 48 minutes.

Sol.46.(a) Total surface area of cylinder = $2\pi r(r + h)$
According to the question,
TSA of cylinder = $2 \times \frac{22}{7} \times 2.8\ (2.8 + 6)$
= 154.88 cm²

Sol.47.(c) Total expenditure of Ram in 5 days = 180 × 5 = Rs.900
4 days expenditure
= (120 + 160 + 40 + 190) = Rs.510
Hence, 5th day expenditure = 900 - 510
= Rs. 390

Sol.48.(d)
HCF × LCM = product of numbers
According to the question,
HCF × 990 = 9900
HCF = $\frac{9900}{990}$ = 10

Sol.49.(a) 20% = $\frac{1}{5}$

Area remains unchanged then,

Ratio -	initial	:	final
Length -	5	:	6
Width -	6	:	5

Hence, required % = $\frac{6-5}{6} \times 100$
= 16.66%

Sol.50.(d) $400 \times 5 \div 8 + 32 \times 3$
$\frac{400 \times 5}{8} + 32 \times 3$
250 + 96 = 346

Sol.51.(c) [14 + (27 ÷ 3 × 2) + (4 + 7 - 2)]
= [14 + (9 × 2) + (4 + 5)]
= [14 + (18) + (9)] = 41

Sol.52.(d)

Amount = principal $(1 + \frac{R}{100})^T$

$5989.5 = 4500 \times (1 + \frac{R}{100})^3$

$\frac{5989.5}{4500} = (1 + \frac{R}{100})^3$

$\frac{1331}{1000} = (1 + \frac{R}{100})^3$

$\sqrt[3]{\frac{1331}{1000}} = (1 + \frac{R}{100})$

$\frac{11}{10} = (1 + \frac{R}{100})$

$1 + \frac{1}{10} = 1 + \frac{R}{100} \Rightarrow R = 10\%$

Sol.53.(c) Let the smaller number be x and larger number be y
According to the question,
$x \times 63\ \% = y \times 45\%$
$x \times 7 = y \times 5 \Rightarrow \frac{x}{y} = \frac{5}{7}$
Now, (12) unit = 1728
1 unit = 144
Hence, larger number (7 unit)
= 144 × 7 = 1008

Sol.54.(a) Marked price = $1100 \times \frac{100}{55}$
= Rs. 2000

Sol.55.(d) Sum of 8 values = 8 × 36 = 288
Change in sum = 5 × 5 - 3 × 4 = 13
New sum = 288 + 13 = 301
Hence, new average = $\frac{301}{8}$ = 37.625

Sol.56.(c) SI = $\frac{PRT}{100}$
According to the question,
SI = $\frac{40000 \times 5 \times 10}{100}$ = 20000
Now, amount = principal + SI
Hence, required amount
= 40,000 + 20,000 = Rs.60,000

Sol.57.(d) Let numbers be $4x$, $5x$ and $6x$
According to the question,
$6x + 4x = 6000$
$10x = 6000 \Rightarrow x = 600$
Hence, required difference
$= 6x - 4x = 2x = 1200$

Sol.58.(d)

Cost price = $6912 \times \frac{100}{72}$ = Rs. 9600

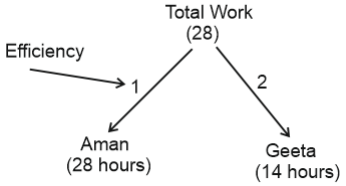
Sol.59.(c)

a	:	b	:	c
5	:	6	:	**6**
2	:	2	:	3

---

10 : 12 : 18
Hence, required ratio = 10 : 12 : 18
= 5 : 6 : 9

Sol.60.(d) Time taken by Aman to done work = 4 × 7 = 28 hours
Time taken by Geeta to done work
= 7 × 2 = 14 hours



Let he works x hours a day
Then, according to the question,
$7 = \frac{28}{(1+2)x} \Rightarrow x = \frac{4}{3}$ hours.

Sol.61.(c) Chew the cud- contemplating over the past.

Sol.62.(b) Conserving mangroves where they occurring
'Occurring' must be replaced with 'occur'. 'They' is a plural pronoun that will take 'occur' as a plural verb of simple present tense. Hence, 'Conserving mangroves

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where they occur' is the most appropriate answer.

Sol.63.(d) No improvement
The given sentence is grammatically correct.

Sol.64.(a) Altruistic- having or showing an unselfish concern for the welfare of others.
Selfish- lacking consideration for other people.

Sol.65.(d) We need one's time and finances to help one's fellow man.
One's, 'finances' and 'fellow' are the correct spellings.

Sol.66.(b) Bother- to disturb or cause inconvenience.
Nuisance- a person or thing causing trouble or annoyance.
Aid- assistance or support in a time of need.
Convenience- ease or suitability for someone's needs.

Sol.67.(c) be
The first form of the verb is used when a sentence begins with the main verb. This sentence is called imperative. Hence, 'be' is the most appropriate answer.

Sol.68.(c) Our little ones needs
'Our little ones' is a plural subject that will take 'need' as a plural verb. Hence, 'Our little ones need' is the most appropriate answer.

Sol.69.(c) nevertheless
'Nevertheless' is used to express an idea that is different or contrast with the previous statement. The given sentence expresses two different ideas- being charming and not trusting. Hence, 'nevertheless' is the most appropriate answer.

Sol.70.(d) revealing
'Revealing' is the correct spelling.

Sol.71.(d) Conformity- behaviour that follows the usual standards that are expected by a group or society.
Anomaly- something that deviates from what is standard or expected.
Aberration- a departure from what is normal, usual, or expected.
Abnormality- a feature or characteristic in a person's body or behaviour that is not usual.
Deviation- doing something that is different from what people consider to be normal or acceptable.

Sol.72.(b) back in Berlin didn't even have
'In' is used for larger locations such as cities(Berlin), countries, provinces, states. The given sentence is in the past tense, so it must have the verb in the past form. Therefore, doesn't must be replaced with didn't. Hence, 'back in Berlin didn't even have' is the most appropriate answer.

Sol.73.(d) fallen
'Fall in love' is the correct phrase. Hence, 'fallen' is the most appropriate answer.

Sol.74.(c) the loud
'The loud' must be replaced with 'the loudest' to match with the superlative degree 'the smallest'. Hence, 'the loudest' is the most appropriate answer.

Sol.75.(a) To get purple with rage- to become very angry.
E.g.- She got purple with rage when she discovered that her colleagues had taken credit for her work.

Sol.76.(a) through
'Through' is used to show that something is moving within a medium. The given passage states that every year, more than two billion tonnes of sand and dust travel over thousands of kilometres through the Earth's atmosphere. Hence, 'through' is the most appropriate answer.

Sol.77.(d) turbulent
'Turbulent' means moving very strongly causing a lot of disturbance. The given passage states that Sand and dust storms are a meteorological phenomenon characterised by strong and turbulent winds. Hence, 'turbulent' is the most appropriate answer.

Sol.78.(d) adverse
'Adverse' means harmful. The given passage states that they are known to have adverse impacts on human health. Hence, 'adverse' is the most appropriate answer.

Sol.79.(b) present
'Present' means to bring one's attention. The given passage states that sand and dust storms present a formidable challenge to achieving 11 of the 17 Sustainable Development Goals. Hence, 'present' is the most appropriate answer.

Sol.80.(c) to
'According to' is the correct phrase. Hence, 'to' is the most appropriate answer.

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SSC GD Constable 07/03/2024 (4th Shift)

Reasoning

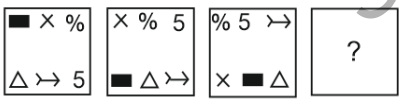
Q.1. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
TM, JQ, NG, DK, ?
(a) HB (b) HX (c) HA (d) HM

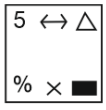
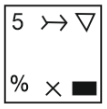
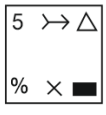
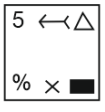
Q.2. Eight girls A, B, C, D, E, F, G and H are sitting around a circular table facing towards the centre (not necessarily in the same order). A is second to the left of D. D is third to the left of E. C is third to the right of G. G is not the immediate neighbour of E. H is third to the right of B. B is second to the right of G. Who is sitting on the immediate right of F ?
(a) A (b) E (c) D (d) C

Q.3. Six friends A, B, C, D, E, and F are sitting around a circular table facing away from the center. A is sitting to the immediate right of B. F sits exactly between C and D. D sits to the immediate left of E. Who sits to the immediate right of E ?
(a) C (b) D (c) B (d) A

Q.4. In the following question, select the related letters from the given alternatives.
JX : IU : : AB : ?
(a) ON (b) ZY (c) OI (d) MF

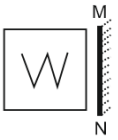
Q.5. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



(a) 
(b) 
(c) 
(d) 

Q.6. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion (s) logically follows the given statements.
Statements :
I. Some M are Z.
II. No Z is R.
Conclusions :
I. All M are R
II. All R are Z
III. Some M are not R.
(a) Only conclusion II follows
(b) Both conclusions II and III follows
(c) All conclusion follows
(d) Only conclusion III follows

Q.7. Select the correct mirror image of the given figure when the mirror MN is placed to the right side of the figure.



(a) 
(b) 
(c) 
(d) 

Q.8. In a certain code language, if ADDITION is coded as 84, SUBTRACTION is coded as 153, then what will DIVISION be coded as ?
(a) 96 (b) 122 (c) 147 (d) 109

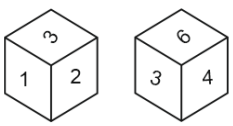
Q.9. A is the mother of B. B is sister of C. C is wife of D. D is son of E. E is wife of F. F is brother of G. How is E related to C ?
(a) Father (b) Father's father
(c) Mother (d) Husband's mother

Q.10. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
s_ttuuvvssttuuvvsst_u_vvssttuuvvssttuu_v
(a) ssuu (b) sutv (c) uvst (d) stuv

Q.11. In a certain code language, if NATURE is coded as 'ERUTAN' and CIRCLE is coded as 'ELCRIC' , then what will DANGER be coded as ?
(a) RENAGD (b) REGNDA
(c) RENGAD (d) REGNAD

Q.12. Arrange the given words in the sequence in which they occur in the dictionary.
1. Dire 2. Dirt 3. Dirk 4. Direct 5. Dirge
(a) 1, 4, 5, 3, 2 (b) 3, 2, 5, 1, 4
(c) 1, 4, 5, 2, 3 (d) 3, 2, 5, 4, 1

Q.13. Two positions of a dice are given below. What will come on the face opposite to the face containing '1' on it ?



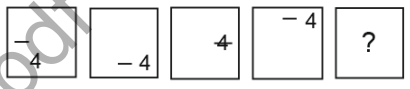
(a) 6 (b) 5 (c) 3 (d) 4

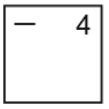
Q.14. If 75 A 30 B 50 C 10 = 40 and 60 A 20 B 80 C 16 = 35, then 60 A 15 B 45 C 5 = ?
(a) 36 (b) 40 (c) 37 (d) 35

Q.15. In the following question, select the missing number from the given series.
1000, 968, 935, 901, 866, ?
(a) 835 (b) 830 (c) 840 (d) 832

Q.16. In the following question, select the missing number from the given series.
50, 53, 62, 89, ?, 413
(a) 184 (b) 175 (c) 180 (d) 170

Q.17. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

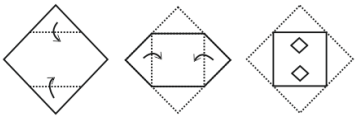


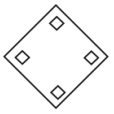
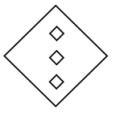
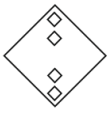
(a) 
(b) 
(c) 
(d) 

Q.18. By Interchanging the given two numbers which of the following equation will be not correct ?
4 and 6
(a) 6 + 4 × 8 - 7 = 45 (b) 4 - 6 + 8 = 10
(c) 6 ÷ 2 + 4 × 3 = 24 (d) 6 + 4 × 2 - 5 = 11

Q.19. In the following question, select the related letter pair from the given alternatives.
SUS : NPN : : ?
(a) AAG : JWD (b) VZA : ZXV
(c) ZQY : ULT (d) OPQ : ZAA

Q.20. A paper is folded and cut as shown below. How will it appear when unfolded?



(a) 
(b) 
(c) 
(d) 

General Awareness

Q.21. Which of the following is the tenure of the Comptroller and Auditor General (CAG) of India ?

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(a) 7 years (b) 4 years
(c) 5 years (d) 6 years

Q.22. The concept of microfinance is primarily aimed at providing financial services to:
(a) Government agencies
(b) Low-income individuals and small businesses
(c) Foreign investors
(d) Large corporations

Q.23. _____is a legendary sitar player and one of India's most esteemed classical musicians.
(a) Pandit Ravi Shankar
(b) Ustad Zakir Hussain
(c) Ustad Bismillah Khan
(d) Pandit Bhimsen Joshi

Q.24. On July 27, 2023, Prime Minister Narendra Modi released_____ installment of PM-KISAN of about Rs. 17,000 crores to more than 8.5 crore beneficiaries.
(a) 14th (b) 18th (c) 16th (d) 12th

Q.25. Which age group is typically considered as the working-age population in India ?
(a) 20-64 years (b) 15-59 years
(c) 18-64 years (d) 16-65 years

Q.26. Which state's government introduced the Gyan Sahayak Scheme in July, aiming at addressing teacher vacancies in government schools through contractual appointments ?
(a) Gujarat (b) Maharashtra
(c) Andhra Pradesh (d) Assam

Q.27. In which year was the Lucknow Pact signed between Congress and Muslim League ?
(a) 1906 (b) 1936 (c) 1916 (d) 1926

Q.28. Who of the following popularize folk dances 'Rai' ?
(a) Achhan Maharaj
(b) Ram Sahay Pandey
(c) Maharaj Bindadin
(d) Kalkaprasad

Q.29. To which of the following states of India does the dance form Mahasu belong ?
(a) Himachal Pradesh (b) Tamil Nadu
(c) Karnataka (d) West Bengal

Q.30. Who was appointed as the Chairman of Senior Men's Selection Committee by the Board of Control for Cricket in India (BCCI) in July 2023 ?
(a) Rahul Dravid (b) Ramesh Powar
(c) V.V.S. Laxman (d) Ajit Agarkar

Q.31. Which of the following personalities is associated with the Sarvodaya Plan of 1950 ?
(a) G.D. Birla
(b) Jayaprakash Narayan
(c) Jawaharlal Nehru
(d) PC Mahalanobis

Q.32. The Gupta Empire is often referred to as the "Golden Age of India". In which field of knowledge significant progress took place during this period ?
(a) feminism
(b) Science, Arts, Literature
(c) gender equality
(d) Matriarchy

Q.33. Which sport is played by the Indian sportsperson P. R. Sreejesh ?
(a) Cricket (b) Badminton
(c) Hockey (d) Football

Q.34. Which of the following festivals is mainly associated with Assam ?
(a) Onam (b) Teej (c) Bihu (d) Chhath

Q.35. Which of the following statements given below are correct ?
Statement 1: Directive Principles of State Policy (DPSP) is not enforceable by law.
Statement 2: Directive Principles of State Policy (DPSP) is non-justiciable.
(a) Statement 1 is correct and Statement 2 is not correct.
(b) Statement 1 is not correct and Statement 2 is correct
(c) Statement 1 and Statement 2 both are not correct.
(d) Statement 1 and Statement 2 both are correct.

Q.36. In May 2023, Justice Prashant Kumar Mishra and senior advocate KV Viswanathan were sworn in as_____ judges.
(a) Civil court (b) Supreme Court
(c) Consumer Court (d) High Court

Q.37. The Santosh Trophy is named after Sir_____, a legend in Indian football.
(a) Manmatha Nath Roy Chowdhury
(b) Santosh Nath Roy Chowdhury
(c) Manek Nath Roy Chowdhury
(d) Devendra Roy Chowdhury

Q.38. In India, APEDA stands for :
(a) Agricultural and Processed Food material Export Development Authority
(b) Agricultural and Pure Food Products Export Development Authority
(c) Agricultural and Processed Food Products Export Development Authority
(d) Agricultural and Processed Food Products Import Development Authority

Q.39. The Government of India aims to provide affordable housing to urban residents by 2022 through the_____ programme, which was first introduced on 25 June 2015.
(a) Meri Policy Mere Haath
(b) Rashtriya Uchchatar Shiksha Abhiyan
(c) Jal Jeevan Yojana
(d) Pradhan Mantri Awas Yojana (PMAY)

Q.40. Which sport is associated with "Allan Border Medal" ?
(a) Polo (b) Cricket
(c) Football (d) Hockey

Quantitative Aptitude

Q.41. The price of a table is firstly decreased by 30 percent and then increased by 80 percent. What is the percentage increase in the price of table ?
(a) 24 percent (b) 25 percent
(c) 50 percent (d) 26 percent

Q.42. Selling price of an article is Rs. 1184 and discount of 26 percent is offered. What is the marked price of the article ?
(a) Rs. 1800 (b) Rs. 1500
(c) Rs. 1200 (d) Rs. 1600

Q.43. Average of 30 observations is 58. Average of first 14 observations is 59. Average of last 17 observations is 55. What is the value of 14^{th} observation?
(a) 21 (b) 29 (c) 25 (d) 22

Q.44. What will be the greatest four digit number which can be completely divided by 15, 20, 25 and 30 ?
(a) 9900 (b) 9300 (c) 9700 (d) 9930

Q.45. Aman and Raman together can do a work in 7.5 days. Raman and Gagan together can do the same work in 10 days. Gagan and Aman together can do the same work in 20 days. In how many days can Gagan alone do the same work
(a) 120 (b) 240 (c) 190 (d) 150

Q.46. If a : b = 12 : 5, b : c = 15 : 16, and c : d = 4 : 7 then find a : c.
(a) 4 : 7 (b) 9 : 4 (c) 7 : 3 (d) 4 : 9

Q.47. What is the value of $(0.3)^2 + (0.1)^3$?
(a) 0.072 (b) 0.087 (c) 0.091 (d) 0.082

Q.48. A sum of money on compound interest (compounded annually) at the same interest rate becomes Rs 2700 in 1 year and Rs 3645 in 2 years. What is the annual interest rate?
(a) 35 percent (b) 48 percent
(c) 40 percent (d) 45 percent

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Q.49. A sells a bicycle to B at a profit of 30 percent and B sells it to C at a profit of 10 percent. If C pays Rs. 1287 for the bicycle, then what was the cost price of bicycle for A ?
(a) Rs.850 (b) Rs.950
(c) Rs.800 (d) Rs.900

Q.50. If a certain sum of money becomes double of itself in 9 years 5 months at simple interest, then what will be the annual rate of interest ?
(a) 10.62 percent (b) 9.84 percent
(c) 9.88 percent (d) 11.78 percent

Q.51. What is the value of 100 - 9 of (4 × 3 + 17 - 25) ?
(a) 64 (b) 76 (c) 54 (d) 36

Q.52. The ratio of three numbers is 3 : 5 : 7 and the sum of their square is 1328. What is the value of the largest of the three numbers ?
(a) 12 (b) 28 (c) 20 (d) 16

Q.53. If the ratio of volume of two cubes is 125 : 216, then what is the ratio of the sides of the two cubes ?
(a) 9 : 11 (b) 4 : 7 (c) 7 : 9 (d) 5 : 6

Q.54. Sakshi can do a piece of work in 20 days. Tanya is 25% more efficient than Sakshi. The number of days taken by Tanya to do the same piece of work is
(a) 16 days (b) 18 days
(c) 13 days (d) 11 days

Q.55. A person walks at a speed of 4 km/h for the first 3 hours and then at 6 km/h for the next 2 hours. What is the total distance covered ?
(a) 20 km (b) 24 km (c) 18 km (d) 22 km

Q.56. A is 20 percent more than B.B is how much percentage less than A (approximately) ?
(a) 18.5 percent (b) 15 percent
(c) 12.5 percent (d) 16.6 percent

Q.57. Selling price of a chair is Rs. 5709. If loss percentage is 34 percent, then what is the cost price of chair ?
(a) Rs. 8500 (b) Rs. 8230
(c) Rs. 8650 (d) Rs. 9560

Q.58. Average age of a group of 27 boys is 27 years. A boy having age 20 years leaves the group. A new boy joins the group and the average increases by 1 year. What is the age of the new boy ?
(a) 45 years (b) 42 years
(c) 47 years (d) 46 years

Q.59. What is the value of 24 + (23 × 32 ÷ 4) - 5 × 8 ?
(a) 168 (b) 132 (c) 176 (d) 114

Q.60. Two successive discounts of 25 percent and 20 percent are given by Raman on a pen. If the marked price of the pen is Rs. 880, then what is the value of discount ?
(a) Rs. 376 (b) Rs. 362
(c) Rs. 352 (d) Rs. 380

English

Q.61. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
I had sadly broken sleep when I gotten to bed, / through thinking of the strange man/taking aim at me with his invisible gun.
(a) I had sadly broken sleep when I gotten to bed,
(b) No error
(c) taking aim at me with his invisible gun.
(d) through thinking of the strange man

Q.62. Improve the underlined part of the sentence. Choose "No improvement" as an answer if the sentence is grammatically correct.
Earlier I was very poors in these subjects.
(a) few poorer (b) very pored
(c) very poor (d) No improvement

Q.63. Choose the word that means the same as the given word.
Validate
(a) Confirm (b) Collision
(c) Corrupt (d) Conjoin

Q.64. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
Students in class B are much quiet than students in class C.
(a) Students in class B are
(b) much quiet than
(c) No error
(d) students in class C.

Q.65. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
An Achilles heel
(a) A difficult task
(b) A person who tasted failure for the first time
(c) An old ankle pain
(d) A weak point or fault in someone's character

Q.66. Choose the option which is antonym of (opposite of) the word "contrite" in the sentence given below:
She was taken aback by his hurtful words, wondering why he would choose to speak so unkindly.
(a) aback (b) hurtful
(c) unkindly (d) wondering

Q.67. Find the part of the given sentence that has an error in it. If there is no error, choose "No error'.
She were very happy that soon she would be very rich.
(a) No error
(b) happy that soon she
(c) would be very rich.
(d) She were very

Q.68. Improve the underlined part of the sentence. Choose "No improvement as an answer if the sentence is grammatically correct.
The cat is sitting at the window, gaze at the mouse.
(a) gazing at (b) gazes at
(c) gazed at (d) No improvement

Q.69. Improve the underlined part of the sentence. Choose "No improvement' as an answer if the sentence is grammatically correct.
After the sale, the store's shelves is almost bare.
(a) shelf were (b) shelves was
(c) shelves were (d) No improvement

Q.70. Choose the word that is opposite in meaning to the given word.
Armed
(a) Deprived (b) Delayed
(c) Distorted (d) Denied

Q.71. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Raghu cannot decide whether to divorce his wife or not. He is at **a point in life where his decisions will have long term consequences.**
(a) Spill the beans
(b) Make No Bones About
(c) At a crossroads
(d) Tongue And Cheek

Q.72. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
(Several curious small) circumstances transpired as the action proceeded.
(a) Many some curious small
(b) Several curious little
(c) No correction required
(d) Definite curious small

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Q.73. Select the sentence with no spelling errors.
(a) This protocol opens myriad opportuniteis for novel diagnostic tools and practical applications.
(b) This protocol opens meriad opportunities for novel dignostic tools and practical applications.
(c) This protocol opens myriad opportunities for novel diegnostic tools and practical applications.
(d) This protocol opens myriad opportunities for novel diagnostic tools and practical applications.

Q.74. Select the most appropriate option for the given blank.
Sunaina, please_____ the door.
(a) do (b) answer (c) have (d) awaken

Q.75. Select the incorrectly spelt word from the given sentence.
It's one thing to adress, and another thing to inundate students with information.
(a) adress (b) students
(c) inundate (d) information

Cloze Test :
Direction :- [Q.76. to Q.80.]
The history of silk manufacturing can be (76)_____back to the Neolithic Age when people discovered that silk was (77)____ by insects. However, it is not certain exactly when this discovery was (78)____Silkworm eggs were first discovered in China about 5,000 years ago. The Chinese emperor Huang Ti ordered (79)____to plant mulberry trees so that the larvae could feed (80)_____them and produce silkworms. In 2000 B.C., silk was already being used for making clothing.

Q.76. (a) hauled (b) saw
(c) raced (d) traced

Q.77. (a) planted (b) turned
(c) produced (d) abandoned

Q.78. (a) made (b) tailed
(c) baked (d) coerced

Q.79. (a) nurses (b) farmers
(c) teachers (d) soldiers

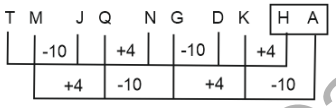
Q.80. (a) in (b) by (c) at (d) on

Answer Key :-

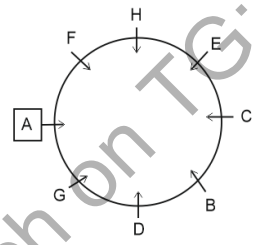
1.(c)	2.(a)	3.(c)	4.(b)
5.(c)	6.(d)	7.(c)	8.(d)
9.(d)	10.(d)	11.(d)	12.(a)
13.(d)	14.(a)	15.(b)	16.(d)
17.(a)	18.(c)	19.(c)	20.(d)
21.(d)	22.(b)	23.(a)	24.(a)
25.(b)	26.(a)	27.(c)	28.(b)
29.(a)	30.(d)	31.(b)	32.(b)
33.(c)	34.(c)	35.(d)	36.(b)
37.(a)	38.(c)	39.(d)	40.(b)
41.(d)	42.(d)	43.(a)	44.(a)
45.(a)	46.(b)	47.(c)	48.(a)
49.(d)	50.(a)	51.(a)	52.(b)
53.(d)	54.(a)	55.(b)	56.(d)
57.(c)	58.(c)	59.(a)	60.(c)
61.(a)	62.(c)	63.(a)	64.(b)
65.(d)	66.(b)	67.(d)	68.(a)
69.(c)	70.(a)	71.(c)	72.(b)
73.(d)	74.(b)	75.(a)	76.(d)
77.(c)	78.(a)	79.(b)	80.(d)

Solutions :-

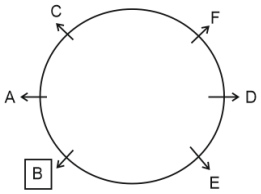
Sol.1.(c)



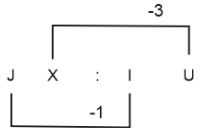
Sol.2.(a)

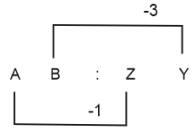


Sol.3.(c)



Sol.4.(b)



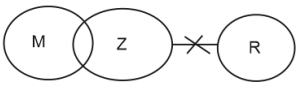


Similarly,

Sol.5.(c)



Sol.6.(d)



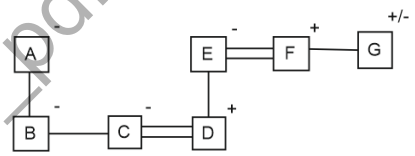
Only conclusion III follows

Sol.7.(c)



Sol.8.(d) Logic : (Sum of the place value of letters) + (No. of letters)
ADDITION :- (1 + 4 + 4 + 9 + 20 + 9 + 15 + 14) + (8) = 84
SUBTRACTION :- (19 + 21 + 2 + 20 + 18 + 1 + 3 + 20 + 9 + 15 + 14) + 11 = 153
Similarly,
DIVISION :- (4 + 9 + 22 + 9 + 19 + 9 + 15 + 14) + 8 = 109

Sol.9.(d)



It is clear that E is the mother of C's husband.

Sol.10.(d)
ss**s**ttuuvv/ssttuuvv/sst**t**u**u**vv/ssttuuvv/ssttu**v**v

Sol.11.(d) Logic :- Given words are in reversing order
NATURE → ERUTAN
CIRCLE → ELCRIC
Similarly,
DANGER → REGNAD

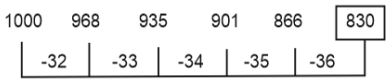
Sol.12.(a) The correct order is :-
Dire(1) → Direct(4) → Dirge(5) → Dirk(3) → Dirt(2)

Sol.13.(d) From both the dice, the opposite faces are
1 ↔ **4**, 2 ↔ 6 and 5 ↔ 3

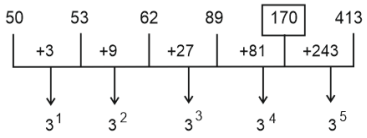
Sol.14.(a) Logic :- Interchanging A, B and C with - , - , and ÷ respectively we get
⇒ 75 A 30 B 50 C 10 = 40
75 - 30 - 50 ÷ 10
$45 - \frac{50}{10} \Rightarrow 45 - 5 = 40$
⇒ 60 A 20 B 80 C 16 = 35
60 - 20 - 80 ÷ 16
$40 - \frac{80}{16} \Rightarrow 40 - 5 = 35$
Similarly, ⇒ 60 A 15 B 45 C 5
60 - 15 - 45 ÷ 5
$45 - \frac{45}{5} \Rightarrow 45 - 9 = 36$

Sol.15.(b)

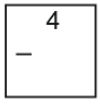
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Sol.16.(d)

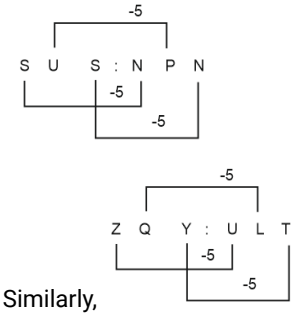


Sol.17.(a)



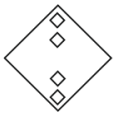
Sol.18.(c) After going through all the options, option (c) satisfies.
$6 \div 2 + 4 \times 3 = 24$
After interchanging 4 and 6 we get,
$\Rightarrow$ LHS $= 4 \div 2 + 6 \times 3$
$= 2 + 18 = 20 \neq 24$
$\Rightarrow$ LHS $\neq$ RHS

Sol.19.(c)



Similarly,

Sol.20.(d)



Sol.21.(d) 6 years. Comptroller and Auditor General (CAG) of India is appointed by the President of India for a tenure of 6 years or until they attain the age of 65, whichever is earlier. The CAG is responsible for auditing the accounts of the Union and State Governments, as well as public sector organizations. Related Articles: Article 148 - Comptroller and Auditor-General of India.

Sol.22.(b) Low-income individuals and small businesses. Microfinance is a type of financial service that provides small loans, savings, and other financial products to low-income individuals and small businesses who lack access to traditional banking services. The goal of microfinance is to promote financial inclusion, economic empowerment, and poverty reduction by providing affordable financial services to those who need them most.

Sol.23.(a) Pandit Ravi Shankar. He was a legendary sitar player and one of India's most esteemed classical musicians. His Awards - Bharat Ratna (1999), Padma Vibhushan (1981), Padma Bhushan (1967), Sangeet Natak Akademi Award (1962), Sangeet Natak Akademi Fellowship (1975). Other notable musicians : Sitar players - Pandit Nikhil Banerjee, Annapurna Devi, Ustad Rais Khan, and Ustad Abdul Jaffer Khan. Other instrumentalists : Ustad Zakir Hussain (tabla), Ustad Bismillah Khan (shehnai). Vocalists : Pandit Bhimsen Joshi.

Sol.24.(a) 14th. Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) is an initiative by the government of India that give farmers up to ₹6,000 per year as minimum income support. Ministry- Ministry of Agriculture and Farmers Welfare. It was launched in 2019.

Sol.25.(b)15-59 years. Three categories of population of a nation: Children (generally below 15 years): They are economically unproductive and need to be provided with food, clothing, education and medical care. Working Age (15–59 years): They are economically productive. Aged (Above 59 years): They can be economically productive though they may have retired. They may be working voluntarily but they are not available for employment through recruitment.

Sol.26.(a) Gujarat. Gyan Sahayak Scheme is for government and grant-in-aid schools, especially for Mission Schools of Excellence. The government had declared hiring on contract 15,000 Gyan Sahayaks in primary schools and 11,500 in secondary and higher secondary schools. Other famous schemes of Gujarat: Pradhan Mantri Shram Yogi Maan-dhan (PM-SYM), Palak Mata-Pita Yojana, Vahli Dikri Yojana, Kuvarbai Nu Mameru Yojana, Gujarat Ganga Swarupa Yojana.

Sol.27.(c) 1916. The Lucknow Pact was signed between the Congress, led by Bal Gangadhar Tilak, and the Muslim League, led by Muhammad Ali Jinnah. The pact aimed to build political consensus and unity between the two factions of Congress - the Moderates and the Extremists. The Lucknow Session of 1916 was presided over by A.C. Majumdar.

Sol.28.(b) Ram Sahay Pandey. He is from Sagar district in the Indian State of Madhya Pradesh. Awards - Padma Shri (2022). Rai (Raa) is a traditional folk dance from the Bundelkhand region of Madhya Pradesh. Other famous dances of Madhya Pradesh : Jawara, Matki, Aada, Khada Nach, Phulpati, Grida Dance, Selalarki, Selabhadoni, Maanch.

Sol.29.(a) Himachal Pradesh. Mahasu is one of the various forms of Nati folk dance of Himachal Pradesh. The dance is called Mahasu probably because it originated in the region of Mahasu Pahari speaking area. Nati dance is traditionally performed in the states of Himachal Pradesh and Uttarakhand. The Kullu district administration has received a certificate of Guinness World Record for the largest Nati dance by 9,892 dancers, mostly women, on October 26, 2015.

Sol.30.(d) Ajit Agarkar. The Board of Control for Cricket in India (BCCI) is the principal national governing body of cricket in India. Founded - December 1928. Headquarters - Churchgate (Mumbai). The Maharaja of Vizianagaram (Lt. Col. Pusapati Vijaya Ananda Gajapathi Raju) was the first Indian cricketer to serve as President of the Board of Control for Cricket in India (BCCI).

Sol.31.(b) Jayaprakash Narayan
(Lok Nayak). He was an Indian politician, theorist and independence activist. Awards - Ramon Magsaysay Award (1965), Bharat Ratna (1999) (posthumously). The plan drew its major inspirations from the Gandhian techniques of constructive works by the community and trusteeship as well as the Sarvodaya concept of Acharya Vinoba Bhave.

Sol.32.(b) Science, art, literature. Gupta Empire (320 - 550 CE) - It stretched across northern, central and parts of southern India. Cultural Developments: Significant advancements were made in various fields, including science (astronomy by Aryabhata, mathematics, and medicine), art (sculpture, painting, and architecture), and literature (Sanskrit literature, with notable works like Kalidasa's "Abhijnanasakuntalam"). Important Rulers: Chandragupta-I, Samudragupta, Chandragupta-II, Kumara Gupta.

Sol.33.(c) Hockey. PR Sreejesh has represented India in four consecutive Olympic Games: 2012, 2016, 2020, and 2024. Summer Olympics (2024): City - Paris (France), Venue - Stade

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Yves-du-Manoir. Champions - Netherlands (3rd title), Runner-up (Germany), Third place (India). Top scorer - India Harmanpreet Singh (10 goals).

Sol.34.(c) Bihu. It is of three types and it is an important cultural festival unique to the Indian state of Assam – 'Rongali' or 'Bohag Bihu' observed in April, 'Kongali' or 'Kati Bihu' observed in October or November, and 'Bhogali' or 'Magh Bihu' observed in January. Other Festivals in Assam - Dehing Patkai Festival, Ambubachi Mela, Ali Ai Ligang, Baishagu, Falgutsav, Me-Dam-Me-Phi, Kherai Puja, Baikhu and Pharkantis.

Sol.35.(d) Statement 1 and Statement 2 both are correct. Directive Principles of State Policy (DPSP): It is mentioned in Part IV (Articles 36-51) of Indian constitution. Important Articles: Article 37 - Application of the principles contained in this Part. Article 38 - State to secure a social order for the promotion of welfare of the people. Article 39 - Certain principles of policy to be followed by the State. Article 39A - Equal justice and free legal aid.

Sol.36.(b) Supreme Court.
It was constituted as per Chapter IV of Part V of the Constitution of India. Related Articles: Article 124 - Establishment and constitution of the Supreme Court. Article 124A - National Judicial Appointments Commission. Article 124B - Function of the National Judicial Appointments Commission. Article 124C - Power of Parliament to make law. Article 125 - Salaries, etc., of Judges. Article 126 - Appointment of acting Chief Justice.

Sol.37.(a) Manmatha Nath Roy Chowdhury. He was a founding member of East Bengal football club, served as IFA president for several years and was a major patron of Indian football in its early years. Santosh Trophy: The tournament was started in 1941 by the Indian Football Association (IFA). Other Football Trophies/Tournaments: - Durand Cup, Kalinga Cup, Rovers Cup, Santosh Trophy, Subroto Cup and FIFA World Cup.

Sol.38.(c) Agricultural and Processed Food Products Export Development Authority. Formation - 1986. Headquarters - New Delhi. Purpose - Export promotion of agricultural and processed food products. Predecessor - Processed Food Export Promotion Council (PFEPC). Parent organization - Ministry of Commerce and Industry (Government of India).

Sol.39.(d) Pradhan Mantri Awas Yojana (PMAY). It is a credit-linked subsidy scheme by the Government of India to facilitate access to affordable housing for the low and moderate-income residents of the country. Launched - 25 June 2015. Ministry - Ministry of Housing and Urban Poverty Alleviation.

Sol.40.(b) Cricket. The Allan Border Medal (Named after former Australian men's captain Allan Border) is considered to be the most prestigious individual prize in Australian men's cricket. First awarded - 2000. Other medals associated with cricket: Belinda Clark Award, Shane Warne Men's Test Player of the Year, Men's One Day International Player of the Year, Men's Twenty20 International Player of the Year.

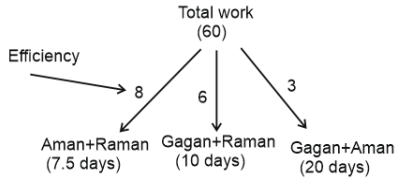
Sol.41.(d) According to the question
Required % = 80 - 30 + $\frac{80 \times (-30)}{100}$
= 26%

Sol.42.(d)
Marked price = $\frac{1184}{74}$ × 100 = 1600 Rs.

Sol.43.(a) Sum of all 30 observations
= 30 × 58 = 1740
Sum of first 14 observations = 14 × 59
= 826
Sum of last 17 observations = 17 × 55
= 935
Hence, required value
= (826 + 935) - 1740 = 21

Sol.44.(a)
Greatest four digit number = 9999
LCM(15 , 20 , 25 , 30) = 300
Now, $\frac{9999}{300}$ = 99(remainder)
Hence, required number = 9999 - 99
= 9900

Sol.45.(a)



Efficiency of (Aman + Gagan + Raman)
= $\frac{8+6+3}{2}$ = $\frac{17}{2}$ unit
Efficiency of Gagan = $\frac{17}{2}$ - 8 = $\frac{1}{2}$ unit
Hence, time taken by Gagan to do the same work alone = $\frac{60}{\frac{1}{2}}$ = 120 days

Sol.46.(b)

a	:	b	:	c	:	d
12	:	5	:	**5**	:	**5**
15	:	15	:	16	:	**16**
4	:	**4**	:	4	:	7

720 : 300 : 320 : 560
Therefore, a : c = 720 : 320 = 9 : 4

Sol.47.(c) $(0.3)^2 + (0.1)^3$
= 0.09 + 0.001 = 0.091

Sol.48.(a) Required rate %
= $\frac{3645-2700}{2700}$ × 100 = 35%

Sol.49.(d) Cost price of bicycle for A
= 1287 × $\frac{10}{13}$ × $\frac{10}{11}$ = Rs. 900

Sol.50.(a) Let principal = 100 unit
According to the question,
SI = 100 , time = 9 + $\frac{5}{12}$ = $\frac{113}{12}$ year
SI = $\frac{P\,R\,T}{100}$
So, 100 = $\frac{100 \times R \times 113}{12 \times 100}$
Rate (R) = $\frac{1200}{113}$ = 10.62%

Sol.51.(a) 100 - 9 of (4 × 3 + 17 - 25)
100 - 9 of (12 - 8)
100 - 9 × 4 ⇒ 100 - 36 = 64

Sol.52.(b)
Let three number = $3x$, $5x$ and $7x$
According to the question,
$9x^2 + 25x^2 + 49x^2 = 1328$
$83x^2 = 1328$
$x^2 = 16 \Rightarrow x = 4$
Hence, largest number = $7x$ = 28

Sol.53.(d)
Required ratio = $\sqrt[3]{125} : \sqrt[3]{216}$ = 5 : 6

Sol.54.(a) Efficiency $(\frac{Tanya}{Sakshi})$ = $\frac{5}{4}$
Sakshi do the work in 20 days
Then, total work = 20 × efficiency of Sakshi = 20 × 4 = 80 unit
Hence, time taken to Tanya to do the same work = $\frac{80}{5}$ = 16 days.

Sol.55.(b) Total distance covered
= 4 × 3 + 6 × 2 = 24 km

Sol.56.(d) A is 20% more than B then,
$\frac{A}{B} = \frac{6}{5}$
Hence, required % = $\frac{6-5}{6}$ × 100 = 16.6%

Sol.57.(c)

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Cost price = $5709 \times \frac{100}{66}$ = Rs. 8650

Sol.58.(c) Age of new boy
= 27 + (20 × 1) = 47 year

Sol.59.(a) 24 + (23 × 32 ÷ 4) - 5 × 8
24 + (23 × 8) - 40
24 + (184) - 40 = 168

Sol.60.(c) Equivalent discount %
$= -25 - 20 + \frac{25 \times 20}{100}$
= - 40% (- sign denotes discount)
Hence, required discount = 880 × 40%
= Rs. 352

Sol.61.(a) I had sadly broken sleep when I gotten to bed,
'Gotten' must be replaced with the past form 'got' as we use simple past tense to denote the times of an action that was completed in the past. Hence, 'I had sadly broken sleep when I got to bed,' is the most appropriate answer.

Sol.62.(c) very poor
'Poors' must be replaced with 'poor' as we do not make plural of adjectives. Hence, 'very poor' is the most appropriate answer.

Sol.63.(a) **Confirm-** to make sure something is true or correct.
Validate- to prove that something is true or correct.
Collision- when two things crash into each other.
Corrupt- to make something or someone dishonest or impure.
Conjoin- to join together or combine.

Sol.64.(b) much quiet than
'Quiet' must be replaced with 'quieter' as comparative degree is used with 'than'. hence, 'much quieter than' is the most appropriate answer.

Sol.65.(d) **An Achilles heel-** a weak point or fault in someone's character
E.g.- Public speaking has always been her Achilles heel, making her nervous even in small meetings.

Sol.66.(b) **Hurtful**- causing pain or harm.
Contrite- feeling sorry or remorseful for wrongdoing.
Aback- surprised or shocked.
Unkindly- in a harsh or cruel manner.
Wondering- feeling curious or questioning something.

Sol.67.(d) She were very
'She' is a singular subject that will take 'was' as a singular verb. Hence, 'She was very' is the most appropriate answer.

Sol.68.(a) gazing at
Present participle (V_{ing}) is used when two actions are happening at the same time. The cat is sitting while also gazing at the mouse. Hence, 'gazing at' is the most appropriate answer.

Sol.69.(c) shelves were
'Shelves' is a plural subject that will take 'were' as a plural verb. Hence, 'shelves were' is the most appropriate answer.

Sol.70.(a) **Deprived**- lacking something essential.
Armed- equipped with weapons or necessary tools.
Delayed- postponed or made to happen later than expected.
Distorted- twisted out of shape or altered.
Denied- refused or rejected.

Sol.71.(c) **At a crossroads-** a point in life where his decisions will have long term consequences.

Sol.72.(b) Several curious little
'Small' refers to size whereas 'little' means not having much significance. Hence, 'little' is the most appropriate answer.

Sol.73.(d) This protocol opens myriad opportunities for novel diagnostic tools and practical applications.
'Myriad', 'opportunities' and 'diagnostic' are the correct spellings.

Sol.74.(b) answer
The phrase 'answer the door' means to open the door to see who is knocking or ringing the doorbell. Hence, 'answer' is the most appropriate answer.

Sol.75.(a) adress
'Address' is the correct spelling.

Sol.76.(d) traced
'Trace' means to find the origin of something. The given passage states that the history of silk manufacturing can be traced back to the Neolithic Age. Hence, 'traced' is the most appropriate answer.

Sol.77.(c) produced
'Produce' means to make something. The given passage states that in the Neolithic Age, people discovered that silk was produced by insects. Hence, 'produced' is the most appropriate answer.

Sol.78.(a) made
'Make a discovery' is the correct phrase as it means to become aware of something that was not known before. Hence, 'make' is the most appropriate answer.

Sol.79.(b) farmers
Farmers grow plants. Hence, 'farmers' is the most appropriate answer.

Sol.80.(d) on
'Feed on' is a phrasal verb which means to get nutrition from something. The given passage states that the Chinese emperor Huang Ti ordered farmers to plant mulberry trees so that the larvae could feed on them. Hence, 'on' is the most appropriate answer.

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SSC GD Constable 30/03/2024 (1st Shift)

Reasoning

Q.1. Which of the following numbers will replace the question mark (?) in the given series ?
12, 24, 48, 96, 192, ?
(a) 318 (b) 280 (c) 222 (d) 384

Q.2. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion (s) logically follows the given statements.
Statements :
I. Some tree are flower.
II. No flower is red.
Conclusions :
I. All tree are red.
II. All red are flower.
III. Some tree are not red.
(a) Only conclusion III follows
(b) Both conclusions II and III follows
(c) Only conclusion II follows
(d) All conclusion follows

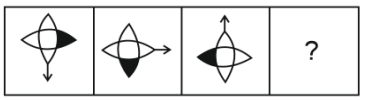
Q.3. If 10 @ 70 * 60 # 90 = 4300 and 105 @ 70 * 30 # 85 = 2290, then 80 @ 40 * 50 # 60 = ?
(a) 2160 (b) 2190 (c) 2140 (d) 2100

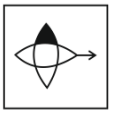
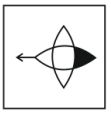
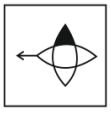
Q.4. 'A × B' means 'A is the father of B'
'A + B' means 'A is the mother of B'
'A ÷ B' means 'A is the son of B'
'A - B' means 'A is the daughter of B'
How is A related to D in the expression 'A ÷ B + C × D' ?
(a) Father (b) Son
(c) Father's brother (d) Brother

Q.5. In the following question, select the missing number from the given series.
990, 962, 934, 906, 878, ?
(a) 854 (b) 860 (c) 850 (d) 840

Q.6. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
BIHAR : PATNA : : JHARKHAND : RANCHI : : RAJASTHAN : ?
(a) JODHPUR (b) UDAIPUR
(c) MANIPUR (d) JAIPUR

Q.7. Select the figure that will replace the question mark (?) in the following figure series.



(a)  (b) 
(c)  (d) 

Q.8. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?
Imnopl_noplmn_plmnopl_noplmn_p
(a) mmon (b) momo (c) popm (d) moom

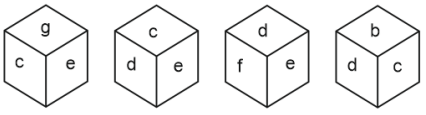
Q.9. In a certain code language, if WHISTLE is coded as 'VGHRSKD' and FLUTE is coded as 'EKTSD,' then what will TRUMPET be coded as ?
(a) SQTLDOS (b) SQLTODS
(c) SQLODTS (d) SQTLODS

Q.10. Six students Sarah, Tom, Lily, John, Mike, and Emma are sitting in a circle facing the center. John is sitting third to the left of Lily and is between Sarah and Tom. Tom is not a neighbour to Mike. Sarah sits to the immediate left of Mike. Who is sitting to the immediate right of Emma ?
(a) Mike (b) Tom (c) John (d) Sarah

Q.11. After interchanging the given two signs what will be the values of equation (I) and (II) respectively ?
× and -
I. 7 × 8 - 6 + 15 ÷ 3
II. 8 - 9 × 2 + 45 ÷ 5
(a) 84 and 42 (b) -8 and 10
(c) -36 and 79 (d) 56 and 18

Q.12. Seven boys P, Q, R, S, T, U and V are sitting around a circular table facing towards the centre (not necessarily in the same order). V is second to the right of R. U is to immediate left of R. P is third to the right of T. S and T are the immediate neighbour of Q . Who is sitting on the immediate right of Q ?
(a) T (b) S (c) U (d) R

Q.13. Four different positions of the same dice are given below. Find the letter opposite of c.

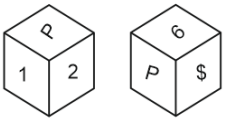


(a) g (b) e (c) d (d) f

Q.14. Arrange the given words in alphabetical order:
1. LOST 2. LIST 3. LIKE
4. LONG 5. LATE
(a) 5, 2, 1, 4, 3 (b) 5, 1, 2, 3, 4
(c) 5, 3, 2, 4, 1 (d) 5, 4, 1, 2, 3

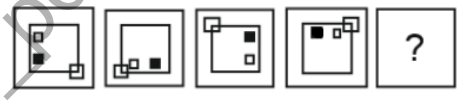
Q.15. Which of the following letter clusters will replace the question mark (?) in the given series ?
G, J, M, P, ?
(a) M (b) S (c) R (d) T

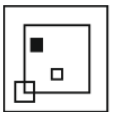
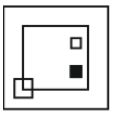
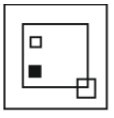
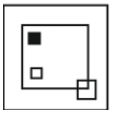
Q.16. Two positions of a dice are given below. What will come on the face opposite to the face containing '6' on it ?



(a) $ (b) 1 (c) P (d) 2

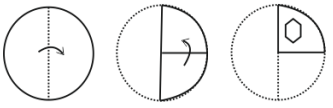
Q.17. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

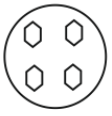
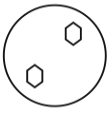
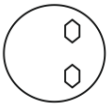


(a)  (b) 
(c)  (d) 

Q.18. In a certain code language, 'LOUD' is coded as 'IKRZ'. What is the code for 'PALE' in that code language ?
(a) MWJA (b) MWIA (c) MVIA (d) MWIB

Q.19. A paper is folded and cut as shown below. How will it appear when unfolded?



(a)  (b) 
(c)  (d) 

Q.20. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
CREATE : DESTROY : : DIVIDE : UNITE :: IMPORTANT : ?
(a) REQUIRED (b) IRRELEVANT
(c) VITAL (d) SIGNIFICANT

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General Awareness

Q.21. Which of the following articles of Indian Constitution is related to the Election Commission of India ?
(a) Article 322 (b) Article 324
(c) Article 321 (d) Article 323

Q.22. Read the following about the Green Revolution in India.
A. The green revolution in India refers to a period when Indian Agriculture was converted into an industrial system due to the adoption of modern methods and technology such as the use of HYV seeds, tractors, irrigation facilities, pesticides and fertilizers.
B. It was funded by the US and the Indian Government and the Ford and Rockefeller Foundation.
Identify the CORRECT statement/ statements.
(a) Both A and B (b) Only A
(c) Only B (d) Neither A nor B

Q.23. The Green Revolution in India primarily focused on improving the production of _____ .
(a) rice and cotton (b) wheat and rice
(c) cotton and maize (d) wheat and maize

Q.24. Gopika Varma receives the Sangeet Natak Akademi Award 2018 for her contribution to _____ .
(a) Kathak (b) Kuchipudi
(c) Mohiniyattam (d) Odissi

Q.25. Who is the first Indian singer to have perform at the Royal Albert Hall in London ?
(a) K. J. Yesudas (b) Asha Bhosle
(c) Lata Mangeshkar (d) A.R Rahman

Q.26. Who became the first Indian to receive the Grand Order of the Chain of Yellow Star in the republic of Suriname in June, 2023 ?
(a) Narendra Modi (b) Rajnath Singh
(c) Amit Shah (d) Droupadi Murmu

Q.27. To which of the following states does the dance form Laho belong ?
(a) Arunachal Pradesh (b) Manipur
(c) Maharashtra (d) Meghalaya

Q.28. Which state's government has granted approval for the 'Location Accessible Multi-modal Initiative (LAccMI)' scheme, aimed at establishing a sustainable, affordable, and safe transportation network for passengers and goods across the state ?
(a) Maharashtra (b) West Bengal
(c) Madhya Pradesh (d) Odisha

Q.29. In September 2023, Vijayawada Railway Station was awarded the _____ certification with the highest rating of Platinum by the Indian Green Building Council (IGBC)
(a) Cleanest Railway Station
(b) Green Railway Station
(c) Solar Railway Station
(d) Biggest Railway Station

Q.30. When a person leaves one job (either voluntarily or involuntarily) without finding another one, they are known to be going through _____ .
(a) Frictional unemployment
(b) Disguised unemployment
(c) Cyclical unemployment
(d) Seasonal unemployment

Q.31. Major Dhyan Chand is a famous name in the game of _____ .
(a) Tennis (b) Cricket
(c) Football (d) Hockey

Q.32. Which of the following festival is celebrated on 25th December all over the world ?
(a) Eid (b) Diwali (c) Christmas (d) Holi

Q.33. Which of the following is NOT associated with musical instrument Sarangi ?
(a) Ustad Bind Khan (b) Nikhil Banerjee
(c) Ramesh Mishra (d) Shakoor Khan

Q.34. Which one is not the festival of Gujarat ?
(a) Uttarayan Kite Festival
(b) Sunburn Festival
(c) Kutch Festival
(d) Paragliding Festival

Q.35. The _____ literacy rates exclude Assam where the Census could not be conducted.
(a) 1951 (b) 1961 (c) 1971 (d) 1981

Q.36. The Modern Periodic Table has 18 vertical columns known as 'groups' and _____ horizontal rows known as 'periods'.
(a) 6 (b) 8 (c) 12 (d) 7

Q.37. Which of the following events was played in National Games 2023 ?
I. Rowing II. Rollball
(a) Neither I nor II (b) Both I and II
(c) Only II (d) Only I

Q.38. Demonetisation was a new initiative taken by the Government of India in _____ to tackle the problem of corruption, black money, terrorism and circulation of fake currency in the economy.
(a) October 2016 (b) November 2017
(c) November 2016 (d) October 2017

Q.39. The famous work "Arthashastra" attributed to which ancient Indian scholar and strategist ?
(a) Valmiki (b) Chanakya
(c) Panini (d) Kalidasa

Q.40. Which sport is played by the Indian sportsperson Jwala Gutta ?
(a) Badminton (b) Hockey
(c) Table Tennis (d) Cricket

Quantitative Aptitude

Q.41. Rs. 7200 is divided among P, Q and R such that 6 times of P's share is equal to 2 times of Q's share which is equal to 3 times of R's share. What is the share of Q ?
(a) Rs. 2400 (b) Rs. 1200
(c) Rs. 3600 (d) Rs. 4800

Q.42. If Marked price of an article is Rs. 2500 and selling price is Rs. 1800. What is the discount ?
(a) 850 (b) 750 (c) 500 (d) 700

Q.43. Average price of 38 pens is Rs. 25. If 8 new pens are added, then the average price rise by Rs. 4. What is the total price of the 8 new pens ?
(a) Rs. 384 (b) Rs. 450
(c) Rs. 411 (d) Rs. 325

Q.44. What is the value of $[81 \text{ of } (44 - 11 + 2) \div (44 \div 22 + 5)]$?
(a) 324 (b) 405 (c) 81 (d) 162

Q.45. The average of a set of 7 numbers is 18. If one number is removed, the average becomes 15. What is the value of the removed number ?
(a) 33 (b) 36 (c) 34 (d) 31

Q.46. When a number is successively decreased by 15 percent, 80 percent and 44 percent, then it becomes 19992. What is that number ?
(a) 210000 (b) 210100
(c) 220000 (d) 211000

Q.47. What is the value of $4(12 - 10 + 42 - 17) \div 3 + 4$?
(a) 40 (b) 30 (c) 50 (d) 60

Q.48. Two boys are standing on the opposite ends of a 540 metres long bridge. If they start walking towards each other at same time at the speed of 18 metres/minute and 12 metres/minute respectively, then in how much time will they meet each other ?
(a) 32 minutes (b) 26 minutes
(c) 14 minutes (d) 18 minutes

Q.49. Amar, Samar and Umesh together can complete a book in 15 days. Amar

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and Samar together can complete the same book in 30 days. Umesh alone can complete the same book in how many days?
(a) 35 days (b) 40 days
(c) 60 days (d) 30 days

Q.50. The difference between the compound interest (compounding annually) and simple interest on a sum at the rate of 30 percent per annum for 2 years is Rs. 5400. What is the sum ?
(a) Rs. 70000 (b) Rs. 60000
(c) Rs. 65000 (d) Rs. 68000

Q.51. If the cost price of an article is 80 percent of its selling price, then what is the profit percentage ?
(a) 30 percent (b) 35 percent
(c) 25 percent (d) 20 percent

Q.52. Price of 1 kg of sugar is increased by 34 percent and the increase is of Rs. 51. What is the new price of the sugar per kg ?
(a) Rs. 120 (b) Rs. 201
(c) Rs. 130 (d) Rs. 150

Q.53. At what annual rate of interest will a sum of money be thrice in 5 years at simple interest ?
(a) 30 % (b) 45 % (c) 40 % (d) 34 %

Q.54. If total surface area of a cube is 600 cm^2, then what is the volume of cube ?
(a) 1728 cm^3 (b) 750 cm^3
(c) 1000 cm^3 (d) 900 cm^3

Q.55. Calculate: $2 \times (4 + 6) - 5$.
(a) 14 (b) 18 (c) 15 (d) 16

Q.56. If (5t + 3u) : (5t − 3u) = 5 : 3 then what is the value of t : u ?
(a) 12 : 5 (b) 8 : 7 (c) 6 : 7 (d) 4 : 5

Q.57. Neeraj is 4 times as efficient as Dheeraj and together they complete a work in 44 days. How many days will Neeraj alone take to complete the same work ?
(a) 80 days (b) 55 days
(c) 70 days (d) 65 days

Q.58. A shopkeeper sells his goods at a 12% profit after marking them up by 20%. What is the discount percentage ?
(a) 7.2 % (b) 6.66 % (c) 4.55 % (d) 5.5 %

Q.59. Evaluate :
$[(36 - 12) \div 6] + [98 - 21 \div 3 \times 2]$
(a) 88 (b) 96 (c) 102 (d) 73

Q.60. A person loses 15 percent on selling 50 shoes for Rs. 85. What should be the selling price of 50 shoes to earn a profit of 35 percent ?
(a) Rs. 120 (b) Rs. 115
(c) Rs. 110 (d) Rs. 135

English

Q.61. Select the most appropriate word to fill in the blank.
_____ is not an option for me. I have to succeed at any cost.
(a) Failure (b) Failhood
(c) Failed (d) Loser

Q.62. Fill in the blank with the most appropriate option.
Calpurnia scratched in her handbag and brought _____ a battered leather coin purse.
(a) forth (b) fore (c) four (d) fourth

Q.63. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Their position in the market is more stronger than yours.
(a) No error
(b) Their position in the
(c) than yours
(d) market is more stronger

Q.64. Choose the correct word to complete the sentence:
The pianist's _____ performance left the audience spellbound, each note conveying a range of emotions.
(a) controversial (b) stagnant
(c) riveting (d) jarring

Q.65. Choose the option which is antonym of (opposite of) the word "dissonance" in the sentence given below:
After hours of negotiations, they finally reached a mutual agreement that satisfied both parties involved in the business deal.
(a) deal (b) mutual
(c) negotiations (d) agreement

Q.66. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Much of the world lived in countries that impose controls on what can and cannot be said about their governments online.
(a) Much of the world lived in countries
(b) No error
(c) that impose controls on what can and
(d) cannot be said about their governments online

Q.67. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Sometimes it's well to break a goal down into subgoals.
(a) down into subgoals.
(b) No error
(c) Sometimes it's well
(d) to break a goal

Q.68. Select the sentence with no spelling errors.
(a) It may not ever be relised for such a complex disease.
(b) It may not ever be realised for such a complex disease.
(c) It may not ever be realised for such a complax disease.
(d) It may not ever be realised for such a complex diseaze.

Q.69. Select the most appropriate option for the given blank.
I want you to check if I have _____ an order or not.
(a) pushed (b) made (c) placed (d) sited

Q.70. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
All along
(a) Everywhere
(b) At the desired place
(c) People in unity
(d) All the time; from the beginning

Q.71. Select the incorrectly spelt word from the given sentence.
When we reach home after travelling for weaks, the home is the same, but something in our minds has changed, and that changes everything.
(a) everything (b) travelling
(c) changed (d) weaks

Q.72. Select the most appropriate option for the given blank.
Clouds of volcanic ash _____ menacingly overhead.
(a) had loom (b) looming
(c) has been loomed (d) loomed

Q.73. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
A healthy person usually does <u>not suffering from</u> the disease.
(a) not suffered from
(b) not suffers with
(c) not suffer from
(d) No improvement

Q.74. Choose the word that means the same as the given word.
Hinder
(a) Sore (b) Aid (c) Stare (d) Impede

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Q.75. Choose the idiom/phrase that can substitute the highlighted group of words meaningfully.
Driving fast on this bad road is **likely to create problem.**
(a) In seventh heaven
(b) Asking for trouble
(c) Put off
(d) Beat around the bush

Cloze Test :
Direction :- [Q.76. to Q.80.]
There (76) _____ never many girls at all at at the football games. Only seniors were allowed to bring (77) _____ with them. It was a terrible school, no matter how you (78) _____ at it. I like to be somewhere at least where you can see a few girls around (79) _____ . even if they're only scratching their arms or (80) _____ their noses or even just giggling or something.

Q.76. (a) are (b) were (c) was (d) where

Q.77. (a) kids (b) boys (c) parents (d) girls

Q.78. (a) looked (b) glanced
(c) see (d) observed

Q.79. (a) mostly (b) rarely
(c) all the time (d) once in a white

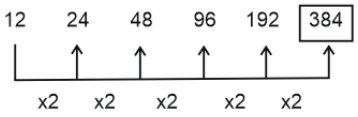
Q.80. (a) clinching (b) blowing
(c) drying (d) banging

Answer Key :-

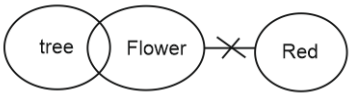
1.(d)	2.(a)	3.(c)	4.(c)
5.(c)	6.(d)	7.(d)	8.(b)
9.(d)	10.(b)	11.(c)	12.(a)
13.(d)	14.(c)	15.(b)	16.(d)
17.(c)	18.(b)	19.(b)	20.(b)
21.(b)	22.(a)	23.(b)	24.(c)
25.(c)	26.(d)	27.(d)	28.(d)
29.(b)	30.(a)	31.(d)	32.(c)
33.(b)	34.(b)	35.(d)	36.(d)
37.(b)	38.(c)	39.(b)	40.(a)
41.(c)	42.(d)	43.(a)	44.(b)
45.(b)	46.(a)	47.(a)	48.(d)
49.(d)	50.(b)	51.(c)	52.(b)
53.(c)	54.(c)	55.(c)	56.(a)
57.(b)	58.(b)	59.(a)	60.(d)
61.(a)	62.(a)	63.(d)	64.(c)
65.(d)	66.(a)	67.(c)	68.(b)
69.(c)	70.(d)	71.(d)	72.(d)
73.(c)	74.(d)	75.(b)	76.(b)
77.(c)	78.(a)	79.(d)	80.(b)

Solutions :-

Sol.1.(d)



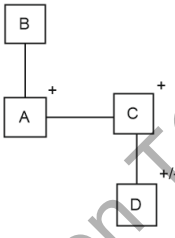
Sol.2.(a)



Only conclusion III follows

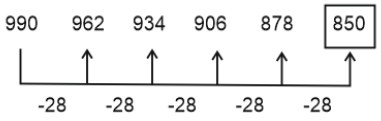
Sol.3.(c) Logic : Interchanging @ ,* and # with + , × , + respectively, we get
10 @ 70 * 60 # 90 = 4300
⇒ 10 + 70 × 60 + 90
⇒ 10 + 4200 + 90 ⇒ 4200 + 100 = 4300
105 @ 70 * 30 # 85 = 2290
⇒ 105 + 70 × 30 + 85
⇒ 105 + 2100 + 85 ⇒ 2100 + 190 = 2290
Similarly,
80 @ 40 * 50 # 60
⇒ 80 + 40 × 50 + 60 ⇒ 80 + 2000 + 60
⇒ 2000 + 140 = 2140

Sol.4.(c)



It is clear that A is the father's brother of D

Sol.5.(c)



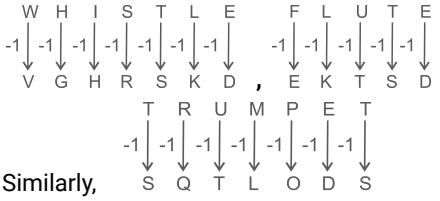
Sol.6.(d) As Patna is the capital of Bihar and Ranchi is the capital of Jharkhand, similarly **Jaipur** is the capital of Rajasthan.

Sol.7.(d)



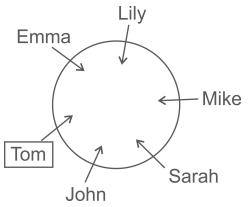
Sol.8.(b)
lmnop/l**m**nop/lmn**o**p/lmnop/l**m**nop/lmn**o**p

Sol.9.(d)



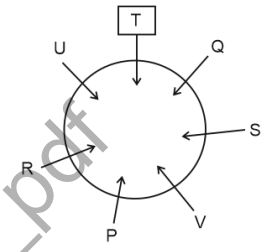
Similarly,

Sol.10.(b)



Sol.11.(c) As per given instruction after interchanging × and - we get,
I. 7 × 8 - 6 + 15 ÷ 3
= 7 - 8 × 6 + 15 ÷ 3 = 7 - 48 + 5 = - 36
II. 8 - 9 × 2 + 45 ÷ 5
= 8 × 9 - 2 + 45 ÷ 5 = 72 - 2 + 9 = 79
Hence, the answer will be -36 and 79

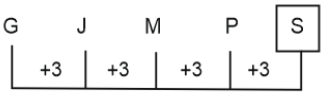
Sol.12.(a)



Sol.13.(d)
From 2nd and 3rd dice d and e are common , so the opposite face of c is f.

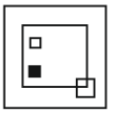
Sol.14.(c) The correct order is :-
LATE**(5)** → LIKE**(3)** → LIST**(2)** → LONG**(4)** → LOST**(1)**

Sol.15.(b)

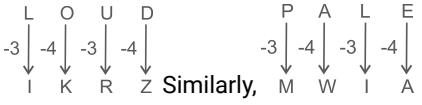


Sol.16.(d)
From both dice the opposite face are
2 ↔ 6 and 1 ↔ $

Sol.17.(c)

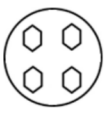


Sol.18.(b)



Similarly,

Sol.19.(b)



Sol.20.(b) As DESTROY is the opposite of CREATE and UNITE is the opposite of DIVIDE , similarly the opposite of IMPORTANT is **IRRELEVANT**.

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Sol.21.(b) Article 324 - Superintendence, direction and control of elections to be vested in an Election Commission. Election Commission of India: Formed - 25 January 1950. Headquarters - New Delhi. Article 321 - Power to extend functions of Public Service Commissions. Article 322 - Expenses of Public Service Commissions. Article 323 - Reports of Public Service Commissions.

Sol.22.(a) Both A and B. The Indian Green Revolution was the brainchild of M.S. Swaminathan (The Father of the Green Revolution in India) in India. This revolution led to an increase in food grain production especially in Punjab, Haryana, and Uttar Pradesh. The Indian Green Revolution was a part of the larger and global Green Revolution started by Norman Borlaug.

Sol.23.(b) wheat and rice. The Green revolution was an experiment which began in 1966. With the help of HYV (High Yield Variety) seeds, chemical fertilizers, improved methods and irrigation facilities the production of mainly wheat, rice, maize, jowar were targeted. Norman Borlaug is known as the 'Father of Green Revolution' in world.

Sol.24.(c) Mohiniyattam. It is an Indian classical dance form originating from the state of Kerala. Gopika Varma Awards: Kerala Sangeetha Nataka Akademi Award (2018), Sathya Abhinaya Sundaram 2007, Kaladarpanam Award 2003, Nritya Choodamani Award 2010 from Krishna Gana Sabha, Outstanding Performance Award by the House of Commons - London 2003.

Sol.25.(c) Lata Mangeshkar. She is considered to be one of the greatest singers of the Indian subcontinent. Her Awards : Bharat Ratna (2001), Padma Bhushan (1969), Padma Vibhushan (1999), Dadasaheb Phalke Award (1989). Her Titles : "Queen of Melody", "Nightingale of India", and "Voice of the Millennium".

Sol.26.(d) Droupadi Murmu. She is serving as 15th and current President of India since 2022. The Grand Order of the Chain of Yellow Star is the highest state decoration of the Republic of Suriname. Awarded for - Those who made important contributions to the Surinamese state or society.

Sol.27.(d) Meghalaya. Laho dance is performed during the Behdienkhlam festival. It is performed by both men and women of Jaintia tribe. Other dances of Meghalaya : Nongkrem Dance, Wangala Dance, Shad Suk Mynsiem, Doregata.

Sol.28.(d) Odisha.
The Location Accessible Multi-modal Initiative (LAccMI) scheme aims to create a continuous public transportation network that connects Gram Panchayats to the state capital. Other Schemes of Odisha: Madhu Babu Pension Yojana, Vasundhara Scheme, Kishori Shakti Yojana, Biju Gram Jyoti Yojana (BGJY).

Sol.29.(b) Green Railway Station.
CII-IGBC with the support of the Environment Directorate of Indian Railway has developed the Green Railway Stations rating system. This is an upgradation of the station's ratings, from gold in 2019 to platinum in 2023. Vijayawada Junction Railway Station is located in Andhra Pradesh. The Indian Green Building Council (IGBC), part of the Confederation of Indian Industry (CII) was formed in the year 2001.

Sol.30.(a) Frictional unemployment.
Disguised unemployment occurs when more people are employed in a job than needed for efficient operation. Cyclical unemployment is a temporary period of higher unemployment that occurs when an economy slows down. Seasonal unemployment occurs when job opportunities temporarily decline due to reduced labor demand at certain times of the year.

Sol.31.(d) Hockey. Major Dhyan Chand (The greatest field hockey player) was an Indian field hockey player. Nickname - The Wizard or The Magician of hockey. Award - Padma Bhushan (1956). Hockey Tournaments in India: Hockey India League, Aga Khan Cup, Beighton Cup, Nehru Senior Hockey Tournament, Premier Hockey League.

Sol.32.(c) Christmas.
Christmas celebrates the birth of Jesus Christ and is also known as the 'Feast of Christ.' Other Christian festivals include Easter, Ash Wednesday, Epiphany, Shrove Tuesday, Palm Sunday, Ascension Day, and All Saints' Day.

Sol.33.(b) Nikhil Banerjee. He was an Indian classical sitarist of the Maihar Gharana. Awards : Padma Shri (1968), and Padma Bhushan (1987). The sarangi (stringed instrument) is the only musical instrument that can accurately produce all of the nuances of vocal music.

Sol.34.(b) The Sunburn Festival. It is an electronic dance music (EDM) festival that takes place in Goa. Famous fairs and festivals of Gujarat: Navratri, Rann Utsav, Tarnetar Fair, International Kite Festival, Modhera Dance Festival, Kavant Fair, Bhavnath Mahadev Mela, Diwali, Kankaria Carnival, Janmashtami, Shamlaji Melo, Vautha Mela.

Sol.35.(d) 1981. The literacy rate of Assam was 73.18 per cent in 2011. The rate for male literacy was 78.81% and the rate for female literacy was 67.27%. The census reported 63.3% of literacy in Assam in 2001 with 71.3% of male literacy and 54.6% of female literacy. According to the 2011 census Assam's total population was 31,169,272.

Sol.36.(d) 7. In the modern periodic table Elements are arranged in the table by increasing atomic number. Atomic numbers increase from left to right and from top to bottom in the table. All elements can be classified into one of three classes: metals, metalloids, or nonmetals. The father of periodic table is Dmitri Mendeleev.

Sol.37.(b) Both I and II. The 37th National Games of India, also known as Goa 2023, were held in Goa from 25 October to 9 November 2023. The motto was "Get Set Goa," and the games were officially opened by Prime Minister Narendra Modi. The main venue was GMC Athletic Stadium in Bambolim.

Sol.38.(c) 8 November 2016 - On that day the Government of India announced the demonetisation of all ₹500 and ₹1,000 banknotes. It also announced the issuance of new ₹500 and ₹2,000 banknotes in exchange for the demonetized banknotes.

Sol.39.(b) Chanakya. He was the first Prime Minister of the Maurya Empire. He is traditionally identified as Kautilya or Visnugupta. Valmiki was a legendary poet who is celebrated as the traditional author of the epic Ramayana. Panini was an ancient Indian grammarian and linguist who composed the "Ashtadhyayi". Kalidasa was a Classical Sanskrit author who is often considered ancient India's greatest poet and playwright. His three famous dramas are Malavikagnimitram,Vikramorvasiyam , and Abhijnanashakuntala.

Sol.40.(a) Badminton. Jwala Gutta has won a bronze medal at the 2011 BWF World Championships in London and a

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gold and silver at 2010 and 2014 Commonwealth Games respectively in the women's doubles event. Famous Indian Badminton players: Saina Nehwal, PV Sindhu, Parupalli Kashyap, Kidambi Srikanth, B Sai Praneeth, Jwala Gutta, Ashwini Ponappa.

Sol.41.(c) According to the question,
6P = 2Q = 3R
On comparing P and Q , $\frac{P}{Q} = \frac{2}{6} = \frac{1}{3}$
On comparing Q and R, $\frac{Q}{R} = \frac{3}{2}$
So ratio of P, Q and R = 1 : 3 : 2 Share of
Q = 7200 × $\frac{3}{(1+3+2)}$ = 3600 Rs

Sol.42.(d)
Discount = marked price - selling price
Discount = 2500 - 1800 = 700 Rs

Sol.43.(a) Total cost of 38 pens
= 38 × 25 = 950
Total cost of (38 + 8) pens
= 46 × (25 + 4) = 1334
Cost of new 8 pens
= 1334 - 950 = 384 Rs

Sol.44.(b)
$[81 \text{ of} (44 - 11 + 2) \div (44 \div 22 + 5)]$
$[81 \text{ of } (35) \div (2 + 5)]$
$[81 \text{ of } (35) \div (7)]$ = 2835 ÷ 7 = 405

Sol.45.(b) According to the question,
Sum of a sets of 7 numbers
= 7 × 18 = 126
Sum of a sets of 6 numbers = 6 × 15 = 90
Value of removed number = 126 - 90 = 36

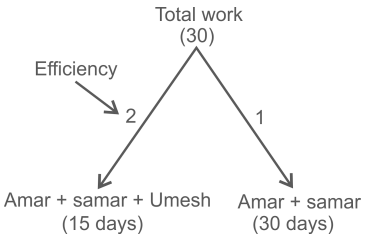
Sol.46.(a)
Ratio - before : after
20 : 17
5 : 1
25 : 14

Final - 2500 : 238
238 units = 19992
(required no.) 2500 units
= $\frac{19992}{238}$ × 2500 = 210,000

Sol.47.(a)
$4(12 - 10 + 42 - 17) \div 3 + 4$
$4(27) \div 3 + 4$
$36 + 4$ = 40

Sol.48.(d) Relative speed of boys = 18 + 12 = 30 meter/min.
Required time = $\frac{540}{30}$ = 18 minutes

Sol.49.(d)



Efficiency of Umesh = 2 - 1 = 1 unit
Time taken by Umesh = $\frac{30}{1}$ = 30 days

Sol.50.(b)
$(CI - SI)_{for\ 2\ years} = \frac{principal \times r^2}{(100)^2}$
5400 = $\frac{principal \times 30 \times 30}{100 \times 100}$
Principal = 60000 Rs

Sol.51.(c)
Let the SP of the article = 100 Rs
Then CP will be = 80 Rs
Profit % = $\frac{100-80}{80}$ × 100 = 25

Sol.52.(b) According to the question,
CP of the article = 100%
New price of the article when its cost increase by 34% = 134%
34% = 51 Rs
New price (134%) = $\frac{51}{34}$ × 134 = 201 Rs

Sol.53.(c) Let the principal = 1 unit
Then Amount = 3 units
Interest = 3 - 1 = 2 units
SI = $\frac{p \times r \times t}{100} \Rightarrow 2 = \frac{1 \times r \times 5}{100} \Rightarrow$ r = 40%

Sol.54.(c) TSA of cube = $6a^2$
$6a^2$ = 600 cm^3 , a = 10 cm
Volume of cube = a^3
Volume of cube = 10^3 = 1000 cm^3

Sol.55.(c) $2 \times (4 + 6) - 5$
$2 \times 10 - 5$ = 15

Sol.56.(a) According to the question,
$\frac{(5t+3u)}{(5t-3u)} = \frac{5}{3}$
15t + 9u = 25t - 15u , 24u = 10t
$\frac{u}{t} = \frac{10}{24} = \frac{5}{12}$ = t : u = 12 : 5

Sol.57.(b) Ratio - Neeraj : Dheeraj
Efficiency - 4 : 1
Total work = (4 + 1) × 44 = 220 units
Time taken by Neeraj = $\frac{220}{4}$ = 55 days

Sol.58.(b) According to the question,
Let the CP of the article = 100 units
Then MP = 120 units , SP = 112 units
discount% = $\frac{120-112}{120}$ × 100 = 6.66%

Sol.59.(a)
$[(36 - 12) \div 6] + [98 - 21 \div 3 \times 2]$
$[24 \div 6] + [98 - 14]$
$4 + 84$ = 88

Sol.60.(d) Fraction value of 15% = $\frac{3}{20}$
Let the CP of the shoes = 20 units
And the SP of the shoes
= 20 - 3 = 17 units
17 units = 85 Rs
20 units = $\frac{85}{17}$ × 20 = 100 Rs
Required SP = 100 × $\frac{135}{100}$ = 135 Rs

Sol.61.(a) Failure
'To not fail' means to succeed. Hence, 'failure' is the most appropriate answer.

Sol.62.(a) forth
'Bring forth' is the correct phrasal verb. 'Brought forth' is its past form. Hence, 'forth' is the most appropriate answer.

Sol.63.(d) market is more stronger
'Stronger' is the correct comparative degree. 'More' must be removed. Hence, 'market is stronger' is the most appropriate answer.

Sol.64.(c) riveting
'Riveting' means extremely interesting. The given sentence states that the pianist's riveting performance left the audience spellbound, each note conveying a range of emotions.. Hence, 'riveting' is the most appropriate answer.

Sol.65.(d) **Agreement**- a shared understanding or arrangement reached by two or more parties.
Dissonance- lack of agreement or harmony between people or things.
Deal- an agreement or arrangement, especially in business or negotiations.
Mutual- shared between two or more people or groups.
Negotiations- discussions aimed at reaching an agreement between two or more parties.

Sol.66.(a) Much of the world lived in countries
The given sentence is in the present tense, so we will use present form of the verb as the subject is singular. Therefore, 'lived' will be replaced with 'lives'. Hence, 'Much of the world lived in countries' is the most appropriate answer.

Sol.67.(c) Sometimes it's well
'Well' must be replaced with 'ok' or 'good' as we use an adjective after the stative verbs. 'Is' is a stative verb. Hence,

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"Sometimes it's good" is the most appropriate answer.

Sol.68.(b) It may not ever be realised for such a complex disease.
'Realised', 'complex' and 'disease' are the correct spellings.

Sol.69.(c) placed
The verb 'place' is used with 'order' to make a request to purchase something. Hence, 'placed' is the most appropriate answer.

Sol.70.(d) All along- all the time; from the beginning.
E.g.- She knew all along that the surprise party was being planned for her.

Sol.71.(d) weaks
'Weeks' is the correct word to use here.

Sol.72.(d) loomed
'Loomed' is the only correct verb here, indicating simple past tense. 'Loom' means to appear as a large, often frightening or unclear shape or object. Hence, 'loomed' is the most appropriate answer.

Sol.73.(c) not suffer from
'Do/does/did' takes the first form of the verb. Hence, 'not suffer from' is the most appropriate answer.

Sol.74.(d) Impede- to slow down or block progress.
Hinder- to make something difficult or delay it.
Sore- painful or tender.
Aid- to help or assist.
Stare- to look at something or someone for a long time without blinking.

Sol.75.(b) Asking for trouble- likely to create problem.

Sol.76.(b) were
Past form of the verb will be used as the passage is narrating a past event. The subject 'many girls' is plural, so we will use a plural verb. Hence, 'were' is the most appropriate answer.

Sol.77.(c) parents
The given passage states that only seniors were allowed to bring parents with them. Hence, 'parents' is the most appropriate answer.

Sol.78.(a) looked
The given passage states that it was a terrible school, no matter how you looked at it. Hence, 'looked' is the most appropriate answer.

Sol.79.(d) once in a while
'Once in a while' means sometimes or occasionally. The given passage states that I like to be somewhere at least where you can see a few girls around once in a while. Hence, 'once in a while' is the most appropriate answer.

Sol.80.(b) blowing
'Blowing a nose' is the correct phrase. It means to force air from your lungs and through your nose to clear it. Hence, 'blowing' is the most appropriate answer.

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