



PINNACLE

3rd Edition

SSC GD Constable 2025

Questions asked by TCS in
ssc GD exam conducted
during 20-02-2024 to
30-03-2024

53 Sets PYQ

TCS PYQ Solved Papers

English Medium

Each set: 80 MCQ

Maths + Reasoning + GS + English



PINNACLE PUBLICATIONS

each book has
multipurpose
unique ID

INDEX

S.N.	Exam Name	Shift Date & Time
1.	SSC GD Constable 2024	20/02/2024 (1st Shift)
2.	SSC GD Constable 2024	20/02/2024 (2nd Shift)
3.	SSC GD Constable 2024	20/02/2024 (3rd Shift)
4.	SSC GD Constable 2024	20/02/2024 (4th Shift)
5.	SSC GD Constable 2024	21/02/2024 (1st Shift)
6.	SSC GD Constable 2024	21/02/2024 (2nd Shift)
7.	SSC GD Constable 2024	21/02/2024 (3rd Shift)
8.	SSC GD Constable 2024	21/02/2024 (4th Shift)
9.	SSC GD Constable 2024	22/02/2024 (1st Shift)
10.	SSC GD Constable 2024	22/02/2024 (2nd Shift)
11.	SSC GD Constable 2024	22/02/2024 (3rd Shift)
12.	SSC GD Constable 2024	22/02/2024 (4th Shift)
13.	SSC GD Constable 2024	23/02/2024 (1st Shift)
14.	SSC GD Constable 2024	23/02/2024 (2nd Shift)
15.	SSC GD Constable 2024	23/02/2024 (3rd Shift)
16.	SSC GD Constable 2024	23/02/2024 (4th Shift)
17.	SSC GD Constable 2024	24/02/2024 (1st Shift)
18.	SSC GD Constable 2024	24/02/2024 (2nd Shift)
19.	SSC GD Constable 2024	24/02/2024 (3rd Shift)
20.	SSC GD Constable 2024	24/02/2024 (4th Shift)
21.	SSC GD Constable 2024	26/02/2024 (1st Shift)
22.	SSC GD Constable 2024	26/02/2024 (2nd Shift)
23.	SSC GD Constable 2024	26/02/2024 (3rd Shift)
24.	SSC GD Constable 2024	26/02/2024 (4th Shift)
25.	SSC GD Constable 2024	27/02/2024 (1st Shift)
26.	SSC GD Constable 2024	27/02/2024 (2nd Shift)
27.	SSC GD Constable 2024	27/02/2024 (3rd Shift)

28.	SSC GD Constable 2024	27/02/2024 (4th Shift)
29.	SSC GD Constable 2024	28/02/2024 (1st Shift)
30.	SSC GD Constable 2024	28/02/2024 (2nd Shift)
31.	SSC GD Constable 2024	28/02/2024 (3rd Shift)
32.	SSC GD Constable 2024	28/02/2024 (4th Shift)
33.	SSC GD Constable 2024	29/02/2024 (1st Shift)
34.	SSC GD Constable 2024	29/02/2024 (2nd Shift)
35.	SSC GD Constable 2024	29/02/2024 (3rd Shift)
36.	SSC GD Constable 2024	29/02/2024 (4th Shift)
37.	SSC GD Constable 2024	01/03/2024 (1st Shift)
38.	SSC GD Constable 2024	01/03/2024 (2nd Shift)
39.	SSC GD Constable 2024	01/03/2024 (3rd Shift)
40.	SSC GD Constable 2024	01/03/2024 (4th Shift)
41.	SSC GD Constable 2024	05/03/2024 (1st Shift)
42.	SSC GD Constable 2024	05/03/2024 (2nd Shift)
43.	SSC GD Constable 2024	05/03/2024 (3rd Shift)
44.	SSC GD Constable 2024	05/03/2024 (4th Shift)
45.	SSC GD Constable 2024	06/03/2024 (1st Shift)
46.	SSC GD Constable 2024	06/03/2024 (2nd Shift)
47.	SSC GD Constable 2024	06/03/2024 (3rd Shift)
48.	SSC GD Constable 2024	06/03/2024 (4th Shift)
49.	SSC GD Constable 2024	07/03/2024 (1st Shift)
50.	SSC GD Constable 2024	07/03/2024 (2nd Shift)
51.	SSC GD Constable 2024	07/03/2024 (3rd Shift)
52.	SSC GD Constable 2024	07/03/2024 (4th Shift)
53.	SSC GD Constable 2024	30/03/2024 (1st Shift)

SSC GD Constable

20/02/2024 (1st Shift)

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?

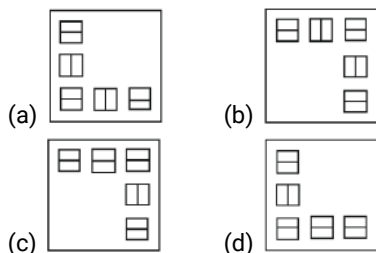
(a) B6 (b) B7 (c) B2 (d) B8

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.



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 ?

$$28 + 12 - 21 \div 7 \times 4 = 60$$

(a) $\times$ and $-$ (b) $+$ and $\div$
(c) $\times$ and $\div$ (d) $\times$ 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 $\times$ J' means 'I is the mother of J'

'I + J' means 'I is the husband of J'

'I $\div$ 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 $\div$ X + Y $\times$ Z' ?

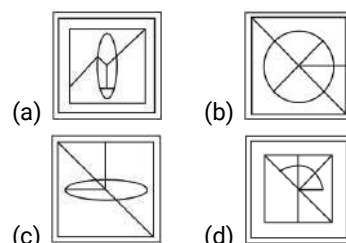
(a) Father's sister (b) Wife's sister
(c) Daughter (d) Wife

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)



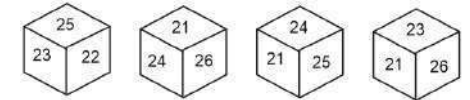
Q.13. In a certain code language, 'LAMP' is coded as 'IWJL'. What is the code for 'LOGS' in that code language?

(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?

jklmnoijklmnoijlmnojk_m_ojklmn_

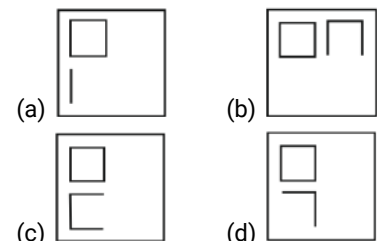
(a) jklm (b) klno (c) knlo (d) mnol

Q.17. Which of the following numbers will replace the question mark (?) in the given series?

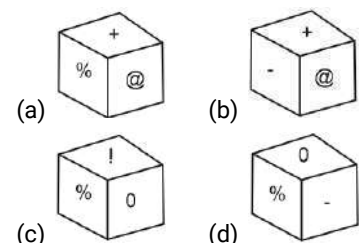
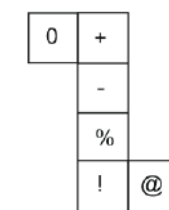
8, 18, 38, 78, 158, ?

(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.



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



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

$$8 \times 9 \div 4 + 5 - 3 = 2$$

- (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 $[41 \times \{36 \text{ of } 4 \div (96 \text{ of } 2 \div 24)\}]$?

- (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

- (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 :

$$\{(175 \times 72 \div 24 + 5) \times 20\} \div 2$$

- (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 $(7 + 33) \times (44 \div 2) \times (5 \times 5)$.

- (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) RELEVANT
(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 dread, 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 meet an homeless 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)

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 :-

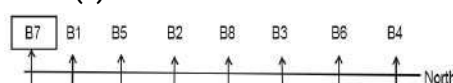
1.(b)	2.(b)	3.(d)	4.(b)
5.(b)	6.(a)	7.(b)	8.(d)
9.(d)	10.(a)	11.(c)	12.(a)
13.(d)	14.(d)	15.(d)	16.(b)
17.(a)	18.(a)	19.(a)	20.(c)
21.(c)	22.(c)	23.(b)	24.(b)
25.(b)	26.(a)	27.(a)	28.(b)
29.(a)	30.(b)	31.(c)	32.(d)
33.(a)	34.(c)	35.(b)	36.(c)
37.(b)	38.(d)	39.(a)	40.(c)
41.(c)	42.(d)	43.(c)	44.(a)
45.(a)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

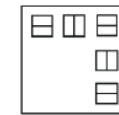
Sol.2.(b)



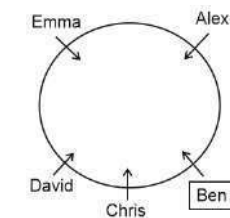
Sol.3.(d) The relationship between, "Bicycle: Pedal," is that a pedal is a part of a bicycle used to propel it forward. Similarly, the wheel is the part of a car that is crucial for its movement and

direction.

Sol.4.(b)



Sol.5.(b)



Sol.6.(a) Given :- $28 + 12 - 21 \div 7 \times 4 = 60$

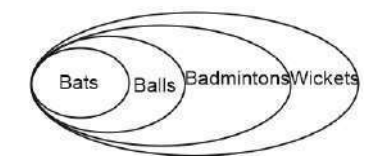
After interchanging $\times$ and $-$, option a satisfies the equation. we get

$$28 + 12 \times 21 \div 7 - 4$$

$$28 + 12 \times 3 - 4$$

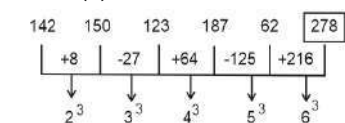
$$28 + 36 - 4 = 60.$$

Sol.7.(b)

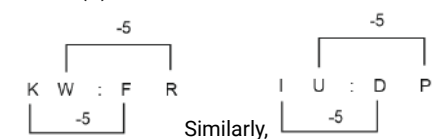


Clearly, both conclusions I and II follow.

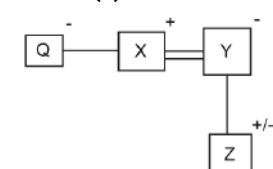
Sol.8.(d)



Sol.9.(d)



Sol.10.(a)

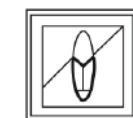


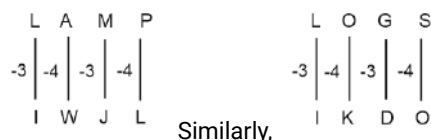
Clearly, Q is Z's father's sister.

Sol.11.(c)



Sol.12.(a)



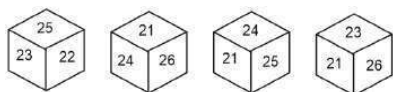
Sol.13.(d)**Sol.14.(d) FORCE – 83052****FORUM – 08957**

Clearly, Code of CE is 32,

Now, GAMES – 42761

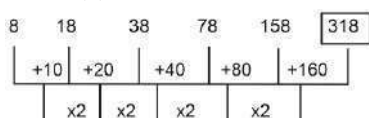
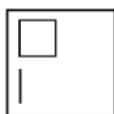
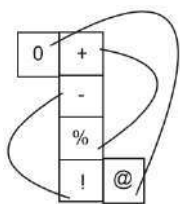
FORCE – 83052,

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 / jklmno / jklmno / jklmno****Sol.17.(a)****Sol.18.(a)****Sol.19.(a)** We know that opposite face cannot come adjacent.

Opposite faces are

 $+\leftrightarrow\%$, $-\leftrightarrow!$, $0\leftrightarrow@$

They are opposites and cannot come adjacent.

In fig (a) + and % are adjacent so it is wrong.

Sol.20.(c) Given :- $8 \times 9 \div 4 + 5 - 3 = 2$

After checking all the options option (c) satisfied. After interchanging 3 and 9 we get

$$8 \times 3 \div 4 + 5 - 9$$

$$6 + 5 - 9 \Rightarrow 6 - 4 = 2$$

$$\text{L.H.S.} = \text{R.H.S.}$$

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) 1977.** 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:

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) $[41 \times \{36 \div 4 \div (96 \div 2 \div 24)\}]$
 $[41 \times \{144 \div (192 \div 24)\}]$
 $[41 \times \{144 \div 8\}] \Rightarrow [41 \times 18] = 738$

Sol.42.(d) $P : Q : R = \frac{1}{2} : 4 : \frac{3}{2} = 1 : 8 : 3$
 Share of R = $\frac{3}{1+8+3} \times 7200 = 1800$

Sol.43.(c)
 Total CP of bat = $2320 + 180 = ₹2500$
 SP of bat = ₹2400
 $\text{loss\%} = \frac{2500 - 2400}{2500} \times 100 = \frac{100}{25} = 4\%$

Sol.44.(a)
 As we know, Area = length $\times$ width
 $\text{Width} \propto \frac{1}{\text{length}}$ (when area is same)

	Old	New
Length	7	: 8
Width	8	: 7

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

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.

$P \xrightarrow{10\text{yrs}} 2P \xrightarrow{10\text{yrs}} 4P$

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

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

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

Sol.48.(d) $\{(175 \times 72 \div 24 + 5) \times 20\} \div 2$
 $\Rightarrow \{(175 \times 3 + 5) \times 20\} \div 2$
 $\Rightarrow \{530 \times 20\} \div 2 = 5300$

Sol.49.(b)
 Time taken by Rakhi to complete the whole work = $8 \times 10 = 80$ days
 Ratio of efficiency of Poonam and Rakhi = 6 : 5
 Total work = $5 \times 80 = 400$ unit
 Remaining work = $400 \times 90\% = 360$ 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 = $5175 \times \frac{100}{75} = ₹6900$

Sol.51.(b)

Work $\propto$ Time (when efficiency is same)
 Ratio of work done by R = $90 : 45 = 2 : 1$

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

Sol.52.(c) $(7 + 33) \times (44 \div 2) \times (5 \times 5)$
 $40 \times 22 \times 25 = 22000$

Sol.53.(b) Let the total no of students appeared in the exam be 100%
 ATQ,
 $100 - 93 = 7\% \xrightarrow{\quad\quad\quad} 9275$
 $100\% \xrightarrow{\quad\quad\quad} \frac{9275}{7} \times 100 = 132500$

Sol.54.(d) Total expenditure of Sapna = $1100 \times 3 + 1000 \times 5 + 1200 \times 4 = 13100$
 Total saving = 1300
 Average monthly income of Sapna
 $= \frac{13100 + 1300}{12} = \frac{14400}{12} = ₹1200$

Sol.55.(b) ATQ,
 $P \times 40 \times \frac{R}{100} = \frac{2}{5}P$
 $\frac{2}{5}R = \frac{2}{5} \Rightarrow R = 1\%$

Sol.56.(a) ATQ,
 $125\% \times A = 90\% \text{ of } B$
 $\frac{A}{B} = \frac{90}{125} = \frac{18}{25}$

Sol.57.(b) Total length of both trains = $320 \times 2 = 640$ m
 Let the speed of each train be x m/sec
 Relative speed of train running in opposite direction = $x + x = 2x$
 $2x \times 18 = 640 \Rightarrow 36x = 640$
 $x = \frac{640}{36} \text{ m/sec} = \frac{640}{36} \times \frac{18}{5} = 64 \text{ km/hr}$

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,
 $2000 \times \frac{80}{100} \times x = 1400$
 $1600x = 1400 \Rightarrow x = \frac{1400}{1600} = \frac{7}{8}$
 Required % = $\frac{8-7}{8} \times 100 = \frac{100}{8} = 12.5\%$

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 dread, for no one believed 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 suddenly remembered

'Suddenly' 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.

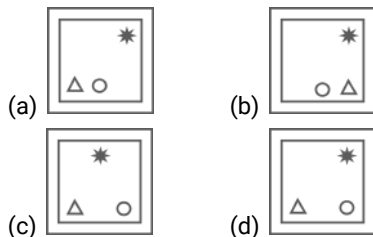
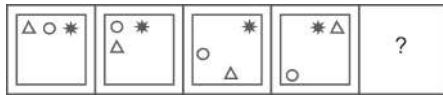
Sol.80.(d) track
The phrase 'back on track' means to return to a normal state after experiencing difficulties. The given passage states that recognizing the problem is the first step to feeling better and getting your life back on track. Hence, 'track' is the most appropriate answer.

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.



Q.2. Which of the following groups of letters when sequentially placed from left to right will complete the given series ?

ghijkl_ijkl_ijk_hijkgghij_

(a) hhgk (b) kgi h (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 $40A10B8C15 = 65$ and $15A30B9C20 = 70$, then $7A9B3C8 = ?$

(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.

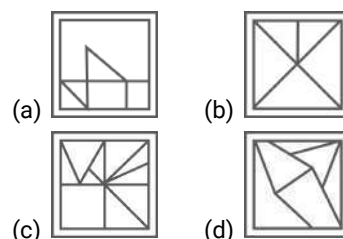
1. Let 2. Lethargy 3. Letter

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)



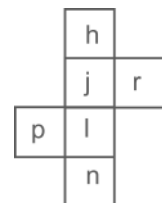
Q.11. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.

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 $\times$, 4 and 6 (b) $\times$ and +, 4 and 9

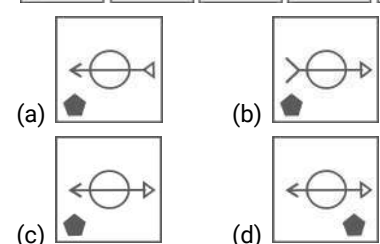
(c) $\times$ and $\div$, 8 and 9 (d) + and -, 6 and 9

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.



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

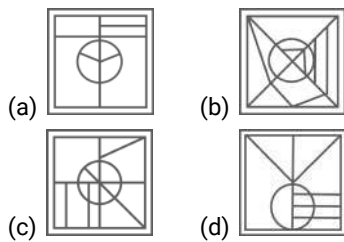
Q.19. In the following question, select the missing number from the given series.

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

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



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

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

- (b) No correction required
(c) seemed to know
(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 will dies.

- (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)

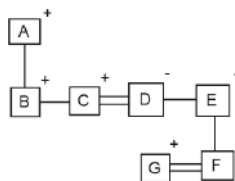
Solutions :-

Sol.1.(a)



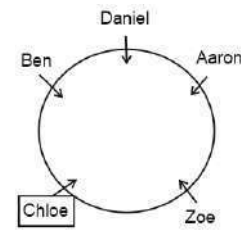
Sol.2.(a) ghijk / ghijk / ghijk / ghijk / ghijk

Sol.3.(a)

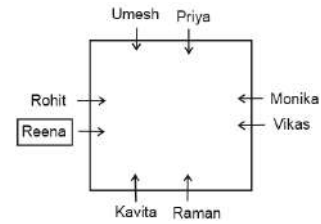


Clearly, there are 4 male members in the family.

Sol.4.(c)



Sol.5.(b)



Sol.6.(d) Logic :- After replacing A, B and C with 'x', '÷' and '+' respectively we get

$$40 A 10 B 8 C 15 = 65$$

$$\Rightarrow 40 \times 10 \div 8 + 15 = 65$$

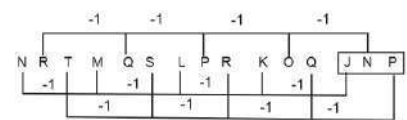
$$15 A 30 B 9 C 20 = 70$$

$$\Rightarrow 15 \times 30 \div 9 + 20 = 70$$

Similarly,

$$7 A 9 B 3 C 8 \Rightarrow 7 \times 9 \div 3 + 8 = 29$$

Sol.7.(c)



Sol.8.(a) Logic :- (Multiplication of place value of letters) $\times 3$

$$TDG : 1680 :- (20 \times 4 \times 7) \Rightarrow (560) \times 3 = 1680$$

$$BHI : 432 :- (2 \times 8 \times 9) \Rightarrow (144) \times 3 = 432$$

Similarly,

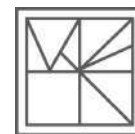
$$KCE : ? :- (11 \times 3 \times 5) \Rightarrow (165) \times 3 = 495$$

Sol.9.(d)

The correct dictionary sequence is :

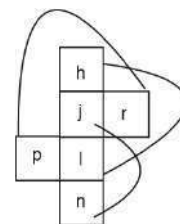
Lest(5) $\rightarrow$ Let(1) $\rightarrow$ Lethal(4) $\rightarrow$ Lethargy(2) $\rightarrow$ Letter(3)

Sol.10.(c)

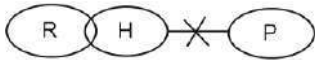


Sol.11.(d) As ants live in anthill, Ducks live in ponds, similarly, Horses live in Stable.

Sol.12.(a)



Opposite faces are
 $h \leftrightarrow i, j \leftrightarrow n, p \leftrightarrow r$

Sol.13.(b)

Only conclusion ii follows.

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

T O W A R D W A N T E D
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
9 6 2 1 4 7 2 1 3 9 5 7

W A R R A N T
↓ ↓ ↓ ↓ ↓ ↓ ↓
2 1 4 4 1 3 9

Similarly,

Sol.15.(c) Given :- $8 \div 4 \times 6 + 3 - 9 = 1$

After going through all the options, option c satisfies.

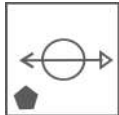
After interchanging $\times$ and $\div$ and 8 and 9 we get;

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

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

Sol.16.(c)

2673	891	297	99	33	11
+3	+3	+3	+3	+3	

Sol.17.(c)

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

A E T
-1 +1 -1 +1 -1 +1
Z B D F S U

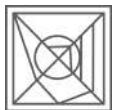
N I S
-1 +1 -1 +1 -1 +1
M O H J R T

O I R
-1 +1 -1 +1 -1 +1
N P H J Q S

Similarly,

Sol.19.(a)

0	1	5	14	30	55
+1	+4	+9	+16	+25	
1 ²	2 ²	3 ²	4 ²	5 ²	

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

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,

$$3N + 6P = 3,000 \text{ ----- (1)}$$

$$N + 12P = 3,000 \text{ ----- (2)}$$

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 :

$$\text{Removed number} = 32 \times 5 - 28 \times 4$$

$$= 160 - 112 = 48$$

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

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

$$\Rightarrow x = 121$$

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

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

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

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

Sol.49.(c)

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

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

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

Sol.50.(d) CSA of cylinder

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

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

Then, rate = 40% , time = 2 cycle

CI for 12 months(or 1 yr)

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

$$\Rightarrow 96\% \text{ of } 9000 = ₹8640$$

Sol.52.(a)

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

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

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

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

Sol.54.(c)

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

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

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

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

$$\Rightarrow 720 = 4 \times \text{LCM}$$

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

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

$$\Rightarrow V \propto r^3$$

Old : New

$$\text{Radius} \rightarrow 2 : 3$$

$$\text{Volume} \rightarrow 2^3 : 3^3 = 8 : 27$$

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

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

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

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

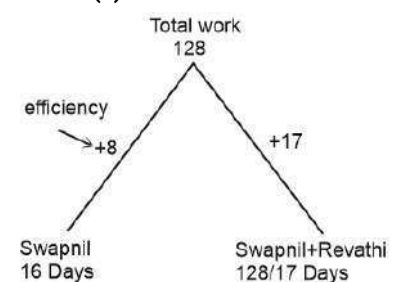
Sol.58.(a) Prime no's up to 32 = 11 i.e. (2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31)

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

$$\text{complete the whole work} = \frac{128}{9} \text{ days}$$

Sol.60.(d)

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

$$\text{Total length of both trains} = 384 \times 2 = 768 \text{ m}$$

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

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

$$x = 64 - 32 = 32 \text{ m/s}$$

Hence, speed of second train (x)

= 32 m/sec.

Sol.61.(d) Do your better

'Do your best' is a phrase which means to

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 begun 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 carnassial 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 carnassial 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.

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) rtp (d) opqr

Q.10. Which two numbers should be interchanged to make the given equation correct?

$$8 + 7 \times 5 \div 14 - 3 = 6$$

- (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'

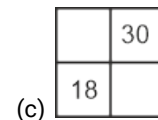
How is O related to L in the expression 'O + N ÷ M - L'?

- (a) Father (b) Husband
(c) Brother (d) Son

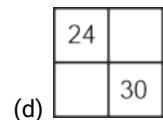
Q.14. In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.



- (a) (b)

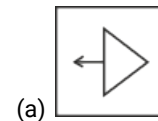
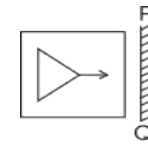


(c)

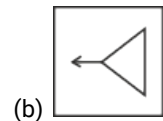


(d)

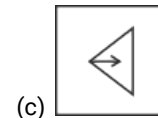
Q.15. Select the correct mirror image of the given figure when the mirror PQ is placed to the right side of the figure.



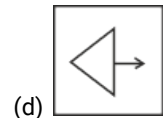
(a)



(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. $18 \div 3 - 4 \times 2 + 7$

II. $18 \times 3 \div 6 - 8 + 4$

- (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.

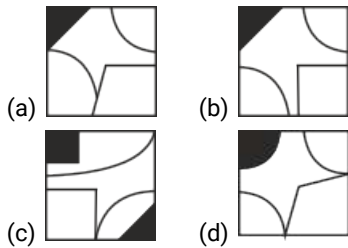
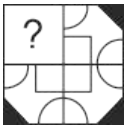
(a) Only conclusion II follows

(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)



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 I (b) Only II
(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 $880 + 41 \div 14 \times 84 - 26$?

- (a) 1150 (b) 1200 (c) 1000 (d) 1100

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

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 $[19 \times \{24 \div 4 \text{ of } (24 \times 4 \div 16)\}]$?

- (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 answer 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.

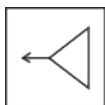
While some people may face legitimate obstacles, others are just obstinate.

- (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.

1.(c)	2.(a)	3.(d)	4.(b)
-------	-------	-------	-------



Sol.16.(d)

$$\begin{array}{ccccccc} 14 & 6 & 5 & 6.5 & 12 & 29 \\ \times 0.5 - 1 & \times 1 - 1 & \times 1.5 - 1 & \times 2 - 1 & \times 2.5 - 1 & \end{array}$$

Sol.17.(c) I : $18 \div 3 - 4 \times 2 + 7$

II : $18 \times 3 \div 6 - 8 + 4$

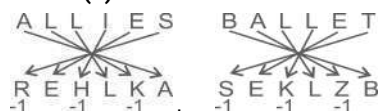
After interchanging 'x' and '÷' in the above equation, we get ;

I. $18 \times 3 - 4 \div 2 + 7 = 54 - 2 + 7 = 59$

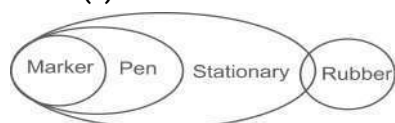
II. $18 \div 3 \times 6 - 8 + 4 = 36 - 8 + 4 = 32$

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 Shikoor 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 - Gombi 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%

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

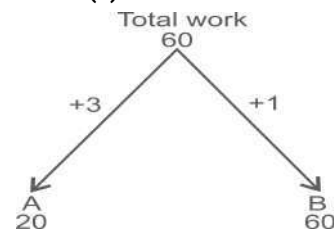
Sol.42.(a) Let CP be 100%

33% ----- ₹264

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

SP = 800 + 264 = ₹1064

Sol.43.(d)



Work done by B in 12 days = $12 \times 1 = 12$ 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, $a+b+c+d = 52 \times 4 = 208$

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

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

Sol.45.(d) ATQ,

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

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

$$\text{Required \%} = \frac{10-7}{10} \times 100 = \frac{3}{10} \times 100 = 30\%$$

Sol.46.(d) $880 + 41 \div 14 \times 84 - 26$
 $880 + 246 - 26 = 1100$

Sol.47.(d) Volume of sphere

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

Sol.48.(c)

$$\text{MP : SP} = 28500 : 15675 = 380 : 209$$

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

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

Sol.49.(c)

$$\text{effect on revenue} = \left(18 - 25 - \frac{18 \times 25}{100}\right)\% \\ = -7 - 4.5 = -11.5\% \text{ or decrease by } 11.5\%$$

Sol.50.(b)

$$25 + 12 = 37 \text{ unit} \text{ ----- } 370 \text{ kg}$$

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

Sol.51.(b)

Let the two numbers = $11x$ and $13x$
 HCF = 7

The no's are $11 \times 7 = 77$, $13 \times 7 = 91$

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

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

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

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

ATQ,

$$x - 25 = 50\% \text{ of } x$$

$$\Rightarrow x - 25 = 0.5x$$

$$0.5x = 25 \Rightarrow x = 50$$

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

Effective CI for 2 yrs at 30% rate

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

$$169\% \text{ ----- } ₹9464$$

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

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

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

$$\text{Sol.57.(b)} [19 \times \{24 \div 4 \text{ of } (24 \times 4 \div 16)\}] \\ \Rightarrow [19 \times \{24 \div 4 \text{ of } 6\}] \Rightarrow [19 \times 1] = 19$$

$$\text{Sol.58.(a)} \frac{16 \times (9+4) - 13 \times 14}{50 - (12+12)} \\ = \frac{16 \times 13 - 182}{50 - 24} = \frac{208 - 182}{26} = \frac{26}{26} = 1$$

Sol.59.(a)

Let the required no of days be x
 ATQ,

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

Sol.60.(d) ATQ,

SP = 25% of CP

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

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

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 (V₁) 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.

SSC GD Constable

20/02/2024 (4th Shift)

Reasoning

Q.1. By interchanging which two signs and two numbers (not digits) the equation will be correct ?

$$8 + 6 \times 4 - 3 \div 1 = 2$$

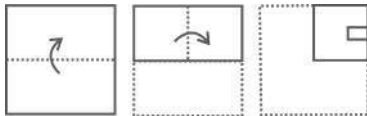
- (a) + and -, 6 and 3 (b) $\times$ and $\div$, 8 and 3
(c) $\times$ and $\div$, 6 and 3 (d) + and $\div$, 1 and 8

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



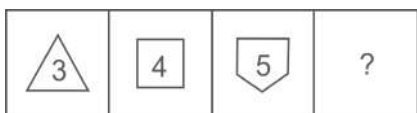
- (a) (b)
(c) (d)

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 $\times$ R' means 'Q is the wife of R'

'Q + R' means 'Q is the husband of R'

'Q $\div$ 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

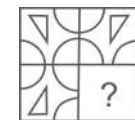
- (a) 690 (b) 680 (c) 675 (d) 700

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

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 cm² (b) 128 cm²
(c) 196 cm² (d) 154 cm²

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

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) Scantly (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.

- (a) no error
 (b) that the area had been prone
 (c) The seismic 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.

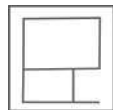
We get ;

$$8 - 3 \times 4 + 6 \div 1 = 2$$

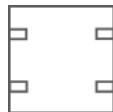
$$8 - 12 + 6 \Rightarrow 14 - 12 = 2$$

$$\text{LHS} = \text{RHS}$$

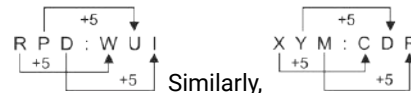
Sol.2.(a)



Sol.3.(b)



Sol.4.(c)



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 →

$$(13 + 1 + 20 + 21 + 18 + 5) + 4 = 82$$

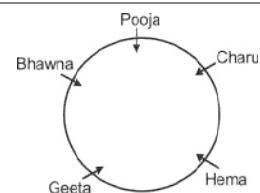
HIGHER →

$$(8 + 9 + 7 + 8 + 5 + 18) + 4 = 59$$

Similarly,

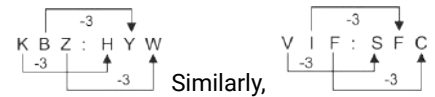
$$\text{ASIAN} \rightarrow (1 + 19 + 9 + 1 + 14) + 4 = 48$$

Sol.8.(a)



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

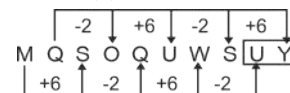
Sol.9.(c)



Sol.10.(b)



Sol.11.(c)

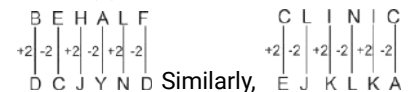


Sol.12.(b)

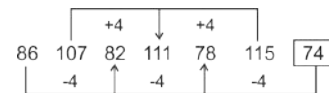


Clearly, we can see that both conclusions II and III follow.

Sol.13.(a)



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 ;

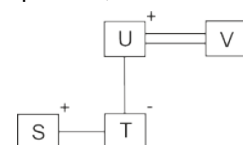
$$5 - 3 \times 2 + 1 = 0$$

$$5 - 6 + 1 = 0 \Rightarrow 0 = 0$$

$$\text{LHS} = \text{RHS}$$

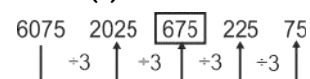
Sol.16.(d)

Applying the directions given in the question, we have following family tree :

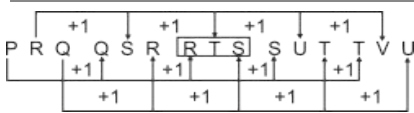
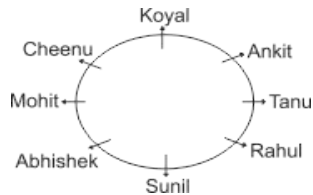


Clearly, we can see that V is the mother of T.

Sol.17.(c)



Sol.18.(c)

**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

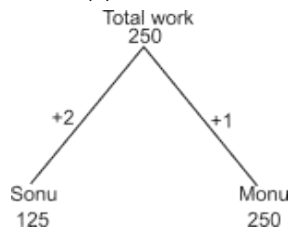
Census: Most populous states - Uttar Pradesh, Maharashtra, Bihar; Least populous states - Sikkim, Mizoram, Arunachal Pradesh; Most populous union territory - Delhi; Least populous union territory - Lakshadweep.

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

$$= 1 \times 75 = 75 \text{ unit}$$

Remaining work = $250 - 75 = 175 \text{ unit}$

Time taken by Sonu to complete the

$$\text{remaining work} = \frac{175}{2} = 87.5 \text{ days}$$

Sol.42.(c) Let the present ages of 3 people be $3x$, $5x$ and $7x$

Sum of their present ages = $87 + 6 \times 3 = 105 \text{ yrs}$

$$\text{ATQ, } 3x + 5x + 7x = 105$$

$$15x = 105 \Rightarrow x = 7$$

Present ages of 3 people be 21 yrs, 35 yrs and 49 yrs

Sol.43.(d)

Total surface area of the sphere = $4\pi r^2$

$$= 4 \times \frac{22}{7} \times 3.5 \times 3.5 = 154 \text{ cm}^2$$

$$\text{Sol.44.(d)} \quad 443 - 226 \div 2 \times 5$$

$$443 - 113 \times 5 \Rightarrow 443 - 565 = -122$$

Sol.45.(a)

Let the usual speed of bus be $x \text{ km/hr}$

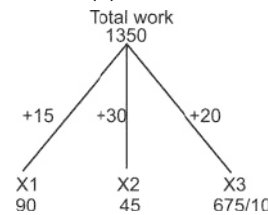
$$\text{ATQ, } \frac{300}{x} - \frac{300}{x+10} = 1$$

$$300 \times \frac{10}{x(x+10)} = 1$$

$$x^2 + 10x = 3000$$

$$x^2 + 10x - 3000 = 0 \Rightarrow x = 50 \text{ km/hr}$$

Sol.46.(d)



If X2 do not leave the work then he did the work in 13.5 days = 13.5×30

$$= 405 \text{ units}$$

X2 works till the work is completed, then

$$\text{total work} = 1350 + 405 = 1755 \text{ unit}$$

Time taken by all of them to complete the whole work

$$= \frac{1755}{15 + 30 + 20} = \frac{1755}{65} = 27 \text{ days}$$

So, the whole work was completed in 27 days.

Sol.47.(b)

$$\text{MP : SP} = 11800 : 7788 = 50 : 33$$

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

$$= 100x \times 90\% = 90x$$

$$\text{New CP} = 100x \times 70\% = 70x$$

$$\text{New SP} = 90x - 26$$

$$\text{ATQ, } 70x \times 110\% = 90x - 26$$

$$77x = 90x - 26 \Rightarrow 13x = 26 \Rightarrow x = 2$$

So, the CP of the article

$$= 100x = 100 \times 2 = ₹200$$

$$\text{Sol.51.(a)} \quad \text{Rem} \left(\frac{35^{29}}{10} \right) = \frac{5^{29}}{10} = \frac{5 \times 5^{28}}{10}$$

$$= \frac{5^{28}}{2} = \frac{1^{28}}{2} = 1 \times 5 = 5$$

Sol.52.(d) LCM of (13,9,7) = 819

$$\text{Prithvi} \rightarrow \frac{10 \times 63}{13 \times 63} = \frac{630}{819}$$

$$\text{Celine} \rightarrow \frac{7 \times 91}{9 \times 91} = \frac{637}{819}$$

$$\text{Vikram} \rightarrow \frac{5 \times 117}{7 \times 117} = \frac{585}{819}$$

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 = $-9 - 3 = -12$

$$\text{New average weight} = 42 - \frac{12}{24}$$

$$= 42 - 0.5 = 41.5 \text{ kg}$$

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

$$\text{Price } 100 : 70 = 10 : 7$$

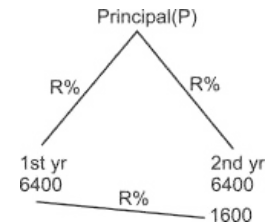
$$\text{Quantity } 7 : 10$$

$$7 \text{ unit} \text{ ----- } 35 \text{ mangoes}$$

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

Sol.55.(a)

ATQ, We have following diagram ;



$$(\text{CI} - \text{SI}) \text{ for 2yrs} = 14400 - 12800 = ₹1600$$

$$\text{SI for 1 yr} = \frac{12800}{2} = 6400$$

$$\text{rate\%} = \frac{1600}{6400} \times 100 = 25\%$$

$$\text{Principal amount} = 6400 \times \frac{100}{25}$$

$$= ₹25600$$

$$\text{Sol.56.(c)} \quad 2016 \div 4 + 32 \times 6 - 26 \times 3$$

$$504 + 192 - 78 = 618$$

Sol.57.(c) MP : CP = 6 : 5

$$\text{MP of chair} = 220 + 20 = ₹240$$

$$6 \text{ unit} \text{ ----- } ₹240$$

$$5 \text{ unit} \text{ ----- } \frac{240}{6} \times 5 = ₹200$$

$$\text{Profit} = 220 - 200 = ₹20$$

$$\text{profit\%} = \frac{20}{200} \times 100 = 10\%$$

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

$$\text{SI for 10 yrs} = 7 - 1 = 6 \text{ unit}$$

$$\text{Then SI for 20 yrs} = \frac{6}{10} \times 20 = 12 \text{ unit}$$

Hence, the principal becomes 13 times i.e. $(1 + 12)$ of itself.

Sol.60.(d) ATQ, $32\% + 15 = 57\% - 10$

$$25\% = 15 + 10 = 25$$

$$\text{Then, } 1\% = 1$$

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