

**STAFF SELECTION COMMISSION**  
**Multi Tasking (Non-Technical) Staff**

**SOLVED PAPER**

**(6<sup>th</sup> July 2022: Shift-1)**

**Time Allotted-** 100 Minutes

**Max marks-** 100

**Important Instructions:-**

- ⇒ This paper contains 100 questions which are divided into 4 sections and each section contains 25 questions.
  - ✓ General English
  - ✓ General Intelligence & Reasoning
  - ✓ Numerical Aptitude
  - ✓ General Awareness
- ⇒ There will be 1 mark for each correct answer and also there will be a negative marking of 0.25 for each wrong answer.
- ⇒ Each question is compulsory to attempt and there will be no negative marking for unattempted questions.

**General English**

1. Select the option that corrects the misspelt words in the given sentence.  
I can't picture him fighting or picking on anyone.
  1. I can't picture him fighting or picking on anyone.
  2. I can't picture him fitting or piking on anyone.
  3. I can't picture him fighting or pecking on anyone.
  4. I can't picture him fighting or pickning on anyone.
2. Select the most appropriate option to fill in the blank.  
The boys were tired, but not too tired to examine the little hut \_\_\_\_\_.
  1. weirdly
  2. weakly
  3. thoroughly
  4. sluggishly
3. Select the most appropriate option to fill in the blank.  
It is better to be prompt and organised than to be \_\_\_\_\_.
  1. provident
  2. meaningless
  3. efficient
  4. reckless
4. Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.  
Why doesn't you try calling your family again?
  1. you don't tries
  2. doesn't you tried
  3. don't you try
  4. no improvement required
5. Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.  
The telecom growth story is a important component of the broader story of India.
  1. no error
  2. the telecom growth story is
  3. the broader story of India.
  4. a important component of
6. Select the most appropriate ANTONYM of the underlined word.  
Their reverence reaches its zenith here at the birthplace of the country's founder.
  1. crest
  2. nadir
  3. horizon
  4. pinnacle
7. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.  
His mouth left open as he realise the truth.
  1. fell open as he perceived
  2. felt opened as he perceive
  3. was felt opened as he realise
  4. no improvement required
8. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.  
Solar storms can / impact Earth-dwellers / in significantly ways.
  1. solar storms can
  2. impact Earth-dwellers
  3. no error
  4. in significantly ways
9. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.  
I noticed some strawberries grown in which of the gardens.
  1. growing in which of
  2. grows upon one of
  3. No improvement required
  4. growing in one of
10. Select the most appropriate synonym of the given word.  
Random
  1. Definite
  2. Continuous
  3. Systematic
  4. Chance
11. Select the option that can be used as a one-word substitute for the given group of words.  
Deliberately and maliciously set something (buildings usually) on fire
  1. Agrarian
  2. Arson
  3. Ambush
  4. Apex
12. Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.  
He stood up from their chair to signal the end of the meeting.
  1. up from his
  2. upon of his
  3. no improvement required
  4. below in their
13. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.  
Shubham and I were watching football match in our bedroom.
  1. I were watched
  2. I was watching
  3. me is watching
  4. no improvement required
14. Select the correctly spelt word.
  1. Influnce
  2. Influence
  3. Influnce
  4. Influnnce

15. Select the most appropriate meaning of the given idiom.  
Out for the count  
1. Very expensive                      3. In a deep, insensible sleep  
2. Prepared for battle                      4. Ready for scrutiny
16. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.  
Although the waters may have receded, the aftermath of one of the world's biggest natural disaster had only just begun.  
1. the aftermath of one of the world's biggest natural disasters  
2. No improvement required  
3. the aftermath of one of the worlds' biggest natural disasters has  
4. the aftermath of one of the worlds' biggest natural disaster
17. Select the most appropriate synonym of the given word.  
Modest  
1. Bold                      2. Humble                      3. Dismal                      4. Grave
18. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
Most of the / freshwater lake in India / are in the / Himalayan region.  
1. Himalayan region                      3. are in the  
2. most of the                      4. freshwater lake in India
19. Select the most appropriate ANTONYM of the given word.  
Refute  
1. Endorse                      3. Deny  
2. Acknowledge                      4. Dispute
20. Select the most appropriate meaning of the given idiom.  
Draw the line  
1. To accept someone's idea  
2. To give a second chance  
3. To move on from a past relationship  
4. To set a limit on something

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

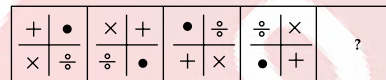
The Government is taking seriously the (1) \_\_\_\_\_ of road safety and is committed to reducing the number of people killed in accidents. Forums are being conducted (2) \_\_\_\_\_ to bring law-makers, law enforcement officers and road users together to discuss ways to (3) \_\_\_\_\_ the rise in road accidents. Everyone agrees that more needs to be done on road safety in its determination to (4) \_\_\_\_\_ the rate of road accidents in the country. The Government, with the cooperation of relevant agencies, is making serious (5) \_\_\_\_\_ to instil proper road culture in children, young adults and the public in general.

21. Select the most appropriate option to fill in blank number 1.  
1. release                      2. residue                      3. issue                      4. site
22. Select the most appropriate option to fill in blank number 2.  
1. regularly                      2. habitually                      3. terminally                      4. rarely
23. Select the most appropriate option to fill in blank number 3.  
1. confess                      2. tackle                      3. conduct                      4. deal
24. Select the most appropriate option to fill in blank number 4.  
1. curb                      2. lure                      3. incite                      4. promote
25. Select the most appropriate option to fill in blank number 5.  
1. acknowledgements                      3. efforts  
2. powers                      4. struggles

**General Intelligence & Reasoning**

26. Select the number from the given options that can replace the question mark (?) in the following series.  
205, 222, 241, 264, 293, ?  
1. 346                      2. 324                      3. 328                      4. 334

27. In a certain code language, 'TYR' is coded as '65', and 'GAP' is coded as '26'. How will 'MOJ' be coded in that language?  
1. 40                      2. 41                      3. 38                      4. 39
28. Select the option that is related to the sixth word in the same way as the first word is related to the second word and the third word is related to the fourth word.  
Speech : Dumb :: Sight : Blind :: ? : Deaf  
1. Sound                      2. Vibrations                      3. Voice                      4. Language
29. In a certain code language, 'Floors white marble' is written as 'tp aj pr', 'Tyre are hard white' is written as 'pr qs tr ak' and 'Marble are shiny' is written as 'tp tr 6'. What is the code for 'Shiny floors' in that code language?  
1. tr aj                      2. 6 ak                      3. aj 6                      4. 6 pr
30. Which of the mathematical signs should be interchanged in the given equation to make it mathematically correct?  
 $31 \div 14 \times 9 + 3 - 7 = 66$   
1.  $\div$  and +                      2.  $\div$  and  $\times$                       3. - and  $\times$                       4. - and +
31. Select the option in which the two numbers are related in the same way as are the numbers in the give number pair.  
31 : 48  
1. 29 : 44                      2. 43 : 62                      3. 53 : 74                      4. 37 : 54
32. Select the figure from among the given options that can replace the question mark (?) in the following series.



- 1.
- 2.
- 3.
- 4.

33. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

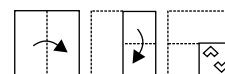
**Statements:**

Some tablets are laptops.  
Some laptops are computers.

**Conclusions:**

- I. Some tablets are computers.  
II. Some laptops are not tablets.  
1. Only conclusion I follows.  
2. Both conclusions I and II follow.  
3. Neither conclusion I nor II follows.  
4. Only conclusion II follows.

34. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.  
16 : 38 :: 26 : 58 :: 37 : ?  
1. 78                      2. 76                      3. 74                      4. 80
35. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



- 1.
- 2.
- 3.
- 4.

36. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GOOD : HSXT :: BEST : CIBJ :: COOL : ?

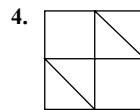
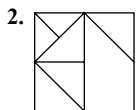
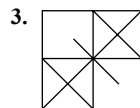
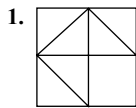
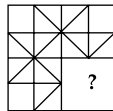
1. DSSB      2. DSXZ      3. DSZB      4. DSXB

37. Select the option in which the pair of letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

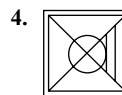
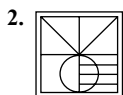
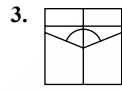
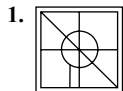
MOB : KMZ :: ?

1. AJK : YHN      3. BND : DLB  
2. LOP : JMN      4. STB : PRZ

38. Select the figure from the options that can replace the question mark (?) and complete the pattern.



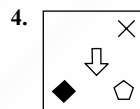
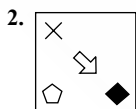
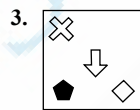
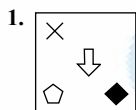
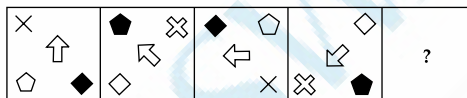
39. Select the option figure in which the given figure is embedded.



40. In a certain code language, 'CYLINDER' is written as 'CYLJNDFR', 'CERTAIN' is written as 'CFRTBJN', and 'PURPOSE' is written as 'PVRPPSF'. How will 'QUEUEING' be written in that language?

1. QFVJVJNG      3. RVFVEJNG  
2. QVFVEJNG      4. QVVFVJNG

41. Select the figure from among the given options that can replace the question mark (?) in the following series.



42. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

- I. Some blue are red.  
II. Some green are red.

**Conclusions:**

- I. No blue is green.  
II. No red is green.  
1. Only conclusion I follows  
2. Both conclusions I and II follow  
3. Only conclusion II follows  
4. Neither conclusion I nor II follows

43. In a certain code language, '587' is written as 'see good pictures', '539' is written as 'good and beautiful', and '967' is written as 'pictures are beautiful'. What is the code for the word 'see' in that language?

1. 8      2. 7      3. 6      4. 5

44. Select the option that can replace the question mark (?) in the following series.

B, D, G, L, S, ?

1. E      2. F      3. D      4. C

45. Seven boys J, M, N, K, P, L and O sit in a row facing the South (but not necessarily in the same order). K sits fifth to the left of J. K does not sit at any of ends. L sits exactly in the middle of the row. L sits third to the right of M. Only two boys sit between O and P. O is not the immediate neighbour of L.

Three of the following are similar by a certain logic and form a group. Which of the following does NOT belong to that group?

1. NJ      2. PN      3. LO      4. KM

46. After interchanging the two numbers 3 and 6, what will be the value of the given expression?

$$12 \times 3 \div 6 + 8 - 2$$

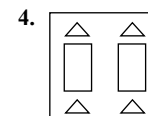
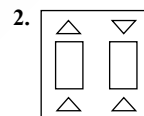
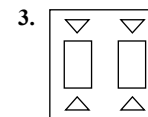
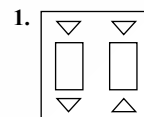
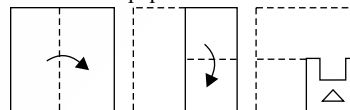
1. 15      2. 25      3. 30      4. 20

47. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

$$23 : 72 :: 38 : 117 :: 46 : ?$$

1. 138      2. 156      3. 141      4. 122

48. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



49. The weight of seven boys B1, B2, B3, B4, B5, B6 and B7 are compared. The weight of B5 is less than only one boy and more than that of B6. The weight of B4 is neither more nor less than B6 but more than B1, B7, B3.

Who weighs the most?

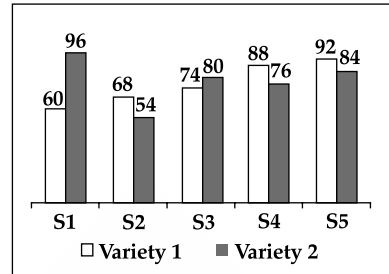
1. B5      2. B2      3. B6      4. B1

50. Seven sisters, Anita, Babita, Sunita, Dixita, Rita, Lalita and Geeta are standing in a row facing north. Lalita is standing to the immediate right of Rita who stands fourth to the right of Geeta. Only Sunita stands exactly between Babita and Dixita. Dixita stands at the middle position. Who stands at the rightmost position?  
 1. Lalita      2. Anita      3. Geeta      4. Sunita

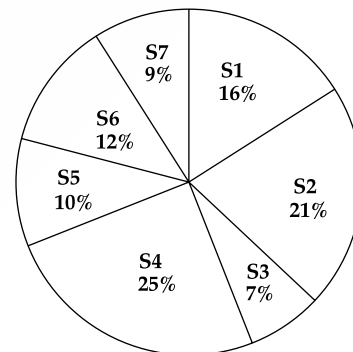
**Numerical Aptitude**

51. If  $A = \frac{1}{2} + \frac{1}{3} \times \frac{1}{4} \div \frac{1}{5} - \frac{1}{6}$  and  $B = \frac{1}{2} \div \frac{1}{3} \times \frac{1}{4} + \frac{1}{5}$ , then what is the value of  $A - B$ ?  
 1.  $\frac{17}{20}$       2.  $\frac{9}{20}$       3.  $\frac{7}{40}$       4.  $\frac{1}{5}$
52. The perimeter of a square is equal to the perimeter of a rectangle, and the latter has a width of 12 cm. the area of the square is 400 cm<sup>2</sup>. Find the area of the rectangle.  
 1. 412 cm<sup>2</sup>      2. 394 cm<sup>2</sup>      3. 324 cm<sup>2</sup>      4. 336 cm<sup>2</sup>
53. In a competitive exam, the minimum qualifying percentages for category A and category B jobs are 25% and 45%, respectively. A candidate scored 83 marks and failed to get a category B job by 25 marks. What is the minimum qualifying marks to secure a category A job?  
 1. 55      2. 60      3. 50      4. 65
54. If  $\frac{32 \div 16 - 5 \times 2}{11 \div 22 \times 8 - 5 \times 2} = \frac{1}{P}$ , then what is the value of P?  
 1.  $\frac{4}{3}$       2.  $\frac{5}{4}$       3.  $\frac{3}{4}$       4.  $\frac{4}{5}$
55. If the total surface area of a sphere of radius r cm is equal to the total surface area of a cube of s cm, which of the following is true?  
 1.  $r > S$       2.  $r \geq S$       3.  $r = S$       4.  $r < S$
56. The average salary of 12 employees in a company was recorded to be ₹ 20,000. If the salary of the manager is also included, then the average salary increase by ₹ 2,000. Find the salary of the manager.  
 1. ₹ 36,000      2. ₹ 46,000      3. ₹ 28,000      4. ₹ 42,000
57. Umesh earns a simple interest of ₹ 1,600 on a certain sum in two years at the rate of 4% per annum. How much more interest would he have earned if he had invested the same sum at 4% interest per annum, compounded annually?  
 1. ₹ 48      2. ₹ 64      3. ₹ 32      4. ₹ 20
58. The average of a set of 20 numbers is P. If one of the numbers from the set is replaced with 58, then the average becomes (P - 2). What is the value of the number that is replaced?  
 1. 98      2. 94      3. 60      4. 104
59. The diameter of a circle is 112 cm. What is the circumference of this circle? [Use  $\pi = \frac{22}{7}$ ]  
 1. 256 cm      2. 396 cm      3. 416 cm      4. 352 cm
60. If the selling price of a shirt is reduced from ₹ 440 to ₹ 410, the loss increases by 4%. What is the cost price of the shirt?  
 1. ₹ 650      2. ₹ 750      3. ₹ 450      4. ₹ 500
61. The marked price of a table is 130% of its cost price. A discount of 20% is given on the sale of the table. What will be the profit percentage?  
 1. 6%      2. 8%      3. 5%      4. 4%

62. A fan is sold for ₹ 1,560 at a profit of 30%. If its selling price is ₹ 960, then what will be the loss percentage?  
 1. 30%      2. 20%      3. 10%      4. 25%
63. The bar chart given below shows the number of tea packets of 2 varieties sold by 5 shops during a particular week.



- What is the average number of tea packets sold per shop, both the varieties take together?  
 1. 154.4      2. 152.8      3. 157.6      4. 149.2
64. S is 20% more than T. T is 10% less than U. What is the ratio of S to U?  
 1. 27 : 25      2. 23 : 19      3. 25 : 21      4. 29 : 24
65. P<sub>1</sub> alone can do  $\frac{2}{3}$  of the work in 8 days. P<sub>2</sub> alone can do  $\frac{7}{12}$  of the work in 14 days? P<sub>3</sub> alone can do  $\frac{8}{15}$  of the work in 16 days. In how many days can they complete the work, if all three together?  
 1.  $\frac{60}{19}$  days      2.  $\frac{120}{19}$  days      3.  $\frac{100}{17}$  days      4.  $\frac{80}{17}$  days
66. The LCM of two positive integers is twice the larger number and the HCF of the two number is 3. The smaller number is:  
 1. 6      2. 10      3. 9      4. 8
67. The following pie chart shows the number of bags sold by 7 different shops during a month as percentages of the total number of bags sold during this month by these 7 shops taken together.



- If the total number of bags sold during the given month by these 7 shops taken together was 1400, then what was the total number of bags sold by S3 and S7 taken together?  
 1. 240      2. 196      3. 224      4. 210
68. The average weight of A, B, and C is 52 kg. If the average weight of B and C is 44 kg and that of C and A is 46 kg, then what will be the weight of C?  
 1. 24 kg      2. 38 kg      3. 36 kg      4. 68 kg



69. The speed of a boat in still water is 10 km/h. The speed of the stream is 2 km/h. what is the total distance that the boat will travel if it is rowed for 4 hours upstream and 3 hours downstream?  
1. 70 km      2. 72 km      3. 64 km      4. 68 km
70. The table below shows the number of overs bowled and the number of wickets taken by five bowlers in a match.

Bowler	Overs	Wickets
Jadeja	8	3
Jaspreet	6	2
Bumrah	5	1
Pandya	4	3
Ashwin	6	1

If in each over every bowler bowled 6 balls, in that match which bowler had bowled the highest number of balls per wicket taken by him?

1. Jadeja      2. Bumrah      3. Ashwin      4. Jaspreet
71. What number must be subtracted from each of the numbers 55, 23, 43 and 19, so that the new values are in proportion?  
1. 9      2. 11      3. 7      4. 5
72. The price of diesel increases by 5% every year. If the current price of diesel is ₹ 80 per litre, then what will be the price of diesel per litre after 2 years?  
1. ₹ 86.8      2. ₹ 92.5      3. ₹ 90.5      4. ₹ 88.2
73. A person has some coins of ₹ 10, ₹ 5, and ₹ 2 denominations. The ratio of the products of the numbers of ₹ 10 and ₹ 5 coins, the numbers of ₹ 5 and ₹ 2 coins, and the numbers of ₹ 2 and ₹ 10 coins is 3 : 4 : 2 respectively. What could be the minimum amount of money this person has?  
1. ₹ 52      2. ₹ 88      3. ₹ 68      4. ₹ 74
74. A can do a piece of work alone in 30 days. B is 25% less efficient than A, while C is  $33\frac{1}{3}\%$  more efficient than B. In how many days can A, B and C, working together, complete the work?  
1.  $\frac{150}{11}$  days      2.  $\frac{120}{11}$  days      3.  $\frac{140}{11}$  days      4.  $\frac{130}{11}$  days
75. Aman can row downstream at a speed of 15 km/h and upstream at 11 km/h. Find his speed in still water and the speed of the current, respectively. [Give both your answers in km/h]  
1. 13 : 5      2. 11 : 4      3. 13 : 2      4. 13 : 6

### General Awareness

76. Alluri Sitaram Raju was a tribal freedom fighter from which state of India?  
1. Bihar      3. Andhra Pradesh  
2. Maharashtra      4. Gujarat
77. Which country hosted the FIFA World Cup 2022?  
1. China      3. Qatar  
2. South Africa      4. England
78. Which of the following organizations issues currency notes and coins of one rupee in India?  
1. Imperial Bank of India  
2. Industrial Finance Corporation of India  
3. Ministry of Finance  
4. Central Bank of India
79. Which of the following elements has the largest atomic radii?  
1. Beryllium      2. Indium      3. Nitrogen      4. Carbon
80. Who won a gold medal for India in the javelin throw event at Tokyo Olympics 2020?  
1. Sumit Antil      3. Neeraj Chopra  
2. Shivpal Singh      4. Ajeet Singh Yadav
81. In which type of Megalith (grave/memorial) were the stone pieces set in a circular shape around the grave?  
1. Cairn circle      3. Rock cut cave  
2. Dolmen      4. Menhir
82. Who among the following was Akbar's revenue minister?  
1. Tansen      3. Raja Man Singh  
2. Todar Mal      4. Birbal
83. The feature of Fundamental Rights in the Indian Constitution is borrowed from the Constitution of \_\_\_\_\_.  
1. Australia      3. Ireland  
2. Britain      4. United States of America
84. Sundari trees are found in the \_\_\_\_\_.  
1. Mahanadi delta      3. Godavari delta  
2. Ganga-Brahmaputra delta      4. Muthupet delta
85. In which state of India is the Natanjali festival celebrated?  
1. Goa      3. Uttar Pradesh  
2. Tamil Nadu      4. Rajasthan
86. The number of females per 1000 males in the population is called the \_\_\_\_\_.  
1. birth rate      3. death rate  
2. sex ratio      4. literacy rate
87. Who is the author of the book 'Gone Girl'?  
1. Damon Galgut      3. Yann Martel  
2. Gillian Flynn      4. Anna Burns
88. \_\_\_\_\_ includes all non-living components, such as air, cloud, dust, land, mountains, rivers, temperature, humidity, water, water vapour, sand, etc.  
1. Biotic environment      3. Artificial environment  
2. Abiotic environment      4. Healthy environment
89. Name the album for which Pandit Ravi Shankar won the Grammy award in 1967.  
1. Three Ragas      3. Concert for Bangladesh  
2. West Meets East      4. Full circle
90. The state legislative assembly has a strength of \_\_\_\_, with exceptions for smaller states.  
1. 600 to 1000      3. 50 to 400  
2. 60 to 500      4. 10 to 100
91. Who among the following freedom fighters of India revived the Indian National Army 'Azad Hind Fauj' (which was formed in 1942 by Rash Behari Bose and Captain-General Mohan Singh) in the year 1943?  
1. Mahatma Gandhi      3. Bhagat Singh  
2. Jawaharlal Nehru      4. Subhas Chandra Bose
92. Sattriya is a classical dance form of which Indian state?  
1. Manipur      2. Karnataka      3. Assam      4. Kerala
93. Which countries hosted the matches played in the 2021 ICC Men's T20 World Cup?  
1. Egypt and Ethiopia  
2. India and Bangladesh  
3. United Arab Emirates and Oman  
4. Bangladesh and Sri Lanka
94. Which of the following rivers of India drains into the Bay of Bengal?  
1. Tapti      2. Godavari      3. Narmada      4. Mahi
95. Who among the following Indian dancers was the first woman in Indian history to be nominated as a member of the Rajya Sabha?  
1. Rukmini Devi Arundale      3. Mallika Sarabhai  
2. Madhuri Dixit      4. Saroj Khan

96. The Jagananna Smart Township scheme was launched by which state government of India?  
 1. Madhya Pradesh                      3. Odisha  
 2. Punjab                                      4. Andhra Pradesh
97. As of April 2022, what is the capital of India's neighbouring country Bhutan?  
 1. Thimphu      2. Dhaka      3. Beijing      4. Paro
98. Which of the following glands/orgin human body secretes bile juice?  
 1. Pancreas      2. Liver      3. Pituitary      4. Pineal
99. Bonalu is a Hindu festival celebrated to worship Goddess Mahakali in which of the following states?  
 1. Telangana                                      3. Kerala  
 2. Assam    4. Madhya Pradesh
100. The steep rocky coast rising almost vertically above sea water is called \_\_\_\_\_.  
 1. sea caves                                      3. sea arches  
 2. sea cliff    4. ox-bow lake

### Answer Key

1. (1)	2. (3)	3. (4)	4. (3)	5. (4)	6. (2)	7. (1)	8. (4)	9. (4)	10. (4)
11. (2)	12. (1)	13. (4)	14. (2)	15. (3)	16. (1)	17. (2)	18. (4)	19. (1)	20. (4)
21. (3)	22. (1)	23. (2)	24. (1)	25. (3)	26. (2)	27. (1)	28. (1)	29. (3)	30. (1)
31. (4)	32. (4)	33. (3)	34. (4)	35. (1)	36. (4)	37. (2)	38. (1)	39. (2)	40. (4)
41. (1)	42. (4)	43. (1)	44. (3)	45. (4)	46. (3)	47. (3)	48. (3)	49. (2)	50. (2)
51. (3)	52. (4)	53. (2)	54. (3)	55. (4)	56. (2)	57. (3)	58. (1)	59. (4)	60. (2)
61. (4)	62. (2)	63. (1)	64. (1)	65. (2)	66. (1)	67. (3)	68. (1)	69. (4)	70. (3)
71. (3)	72. (4)	73. (3)	74. (2)	75. (3)	76. (3)	77. (3)	78. (3)	79. (2)	80. (3)
81. (1)	82. (2)	83. (4)	84. (2)	85. (2)	86. (2)	87. (2)	88. (2)	89. (2)	90. (2)
91. (4)	92. (3)	93. (3)	94. (2)	95. (1)	96. (4)	97. (1)	98. (2)	99. (1)	100. (2)

### Answers with Explanations

1. **Option (1) is correct.**  
 The correct sentence is: I can't picture him fighting or picking on anyone." The spellings of 'fighting' and 'picking' are incorrectly spelt in other options.
2. **Option (3) is correct.**  
 The correct sentence is: The boys were tired, but not too tired to examine the little hut thoroughly. The sentence claims that though the boys were tired, they examined the hut in a detailed way. The use of 'but' mandates the use of an adverb that contradicts the first clause 'boys were tired'. Only 'thoroughly' justifies the context.
3. **Option (4) is correct.**  
 The correct sentence is: It is better to be prompt and organised than to be reckless. The word 'provident' means 'making or indicative of timely preparation for the future.' 'Efficient' means 'working or operating quickly and effectively in an organised way'. While 'reckless' implies behaving in an irresponsible way. The sentence states that something is better than the other aspect; so, the blank requires a negative word. The opposite of 'organised' is 'reckless'.
4. **Option (3) is correct.**  
 The correct sentence is: Why don't you try calling your family again? The phrase 'don't you try' will replace 'doesn't you try'. The auxiliary verb do/does/did always take the base form of the verb (try). Moreover, the pronoun 'you' and 'do' agree with each other, not with 'does'. Therefore, 'don't you try' is correct.
5. **Option (4) is correct.**  
 The correct sentence is: The telecom growth story is an important component of the broader story of India. The part 'a important component of' contains the error, because the article 'a' agrees with a word with consonant sound, not vowel sound. Whereas, 'an' agrees with a word with vowel sound. Thus, 'an' is appropriate to sit before 'important'.
6. **Option (2) is correct.**  
 The correct sentence is: Their reverence reaches its nadir here at the birthplace of the country's founder. The word
- 'zenith' means 'the time at which something is most powerful or successful.' In other words, 'peak', 'crest', 'pinnacle' are synonyms. So, the antonym is 'nadir' (the bottom point).
7. **Option (1) is correct.**  
 The correct sentence is: His mouth fell open as he perceived the truth. Here 'fell open as he perceived' will replace 'left open as he realise'. The phrase 'mouth fell open' is the correct phrase. The sentence justifies the use of simple past tense and past perfect. The past perfect tense expresses action in the past before another action in the past. First, the person perceives the truth, upon hearing it, his mouth falls open. So, the first act takes past perfect, the second.
8. **Option (4) is correct.**  
 The correct sentence is: Solar storms can impact Earth-dwellers in significant ways. Here, the adverb 'significantly' will be replaced by the adjective 'significant'. The noun 'ways' can be described by an adjective, not an adverb.
9. **Option (4) is correct.**  
 The correct sentence is: I noticed some strawberries growing in one of the gardens. The part 'one of the' is used to refer to a particular thing or person within a group or range of things or people that are possible or available. This implies out of many gardens, in one of them strawberries were growing. The verb 'grow' will take the gerund form 'growing'.
10. **Option (4) is correct.**  
 The word 'random' means 'lacking a definite plan, purpose, or pattern'. All options, except (4) are antonyms of the given word. Therefore, 'chance' is the appropriate synonym.
11. **Option (2) is correct.**  
 Agrarian means relating to the ownership and use of land, especially farmland. Arson is the crime of willfully and deliberately setting fire to or charring property. Ambush is a surprise attack by people lying in wait in a concealed position. Apex means the top or highest part of something, especially one forming a point. Therefore, 'deliberately and maliciously set something (buildings usually).

**12. Option (1) is correct.**

The correct sentence is: He stood up from his chair to signal the end of the meeting. The phrase 'up from their' will be replaced by 'up from his'. The possessive pronoun will be in singular because the personal pronoun is 'he'. 'Stood up' is the correct phrasal verb.

**13. Option (4) is correct.**

The correct sentence is: Shubham and I were watching football match in our bedroom. The tense will be past continuous. The sentence is grammatically correct. No improvement required.

**14. Option (2) is correct.**

The correctly spelled word is 'influence'.

**15. Option (3) is correct.**

The idiom 'Out for the count' is 'to be sleeping, especially heavily'. The correct answer is: 'to be in a deep, insensible sleep'. Example- Michelle was so exhausted after his match that he was out for the count by 10 PM.

**16. Option (1) is correct.**

The correct sentence is: Although the waters may have receded, the aftermath of one of the world's biggest natural disasters had only just begun. By rule, the indefinite pronoun 'one' when followed by 'of' takes the plural noun/pronoun. Therefore, 'disasters' is appropriate instead of disaster, meaning 'one out of many'. Thus, 'one of the world's biggest natural disasters' will replace 'one of the world's biggest natural disaster'.

**17. Option (2) is correct.**

'Modest' means 'relatively moderate, limited, or small.' Therefore, 'humble' is the correct synonym.

**18. Option (4) is correct.**

The correct sentence is: Most of the freshwater lakes in India are in the Himalayan region. The determiner 'most' reveals the quantity/amount, this is in plural, so it will agree with a plural noun 'freshwater lakes', instead of 'freshwater lake'.

**19. Option (1) is correct.**

Refute means 'prove (a statement or theory) to be wrong or false'. The antonym is 'endorse' (the act of making a public statement of your support for something or someone).

**20. Option (4) is correct.**

The idiom 'draw the line' means 'set a limit on what one is willing to do or accept.' Example: You ,somewhere, need to draw a line when it comes to meeting your boss' expectations.

**21. Option (3) is correct.**

The correct sentence is: The Government is taking seriously the issue of road safety and is committed to reducing the number of people killed in accidents. The matter of road safety and the problem of reducing the number of people killed in accidents is an issue.

**22. Option (1) is correct.**

The correct sentence is: Forums are being conducted regularly to bring law-makers, law enforcement officers. The adverb 'regularly' is appropriate because it is apparent from the sentence that the Government is taking the issue of road safety seriously and conducting forums to bring law-makers, law enforcement officers to resolve the problem.

**23. Option (2) is correct.**

The correct sentence is: Forums are being conducted regularly to bring law-makers, law enforcement officers and road users together to discuss ways to tackle the rise in road accidents. The word 'tackle' means to take hold of a situation to stop it. 'Deal' is also correct but, it must be followed by 'with'.

**24. Option (1) is correct.**

The correct sentence is: Everyone agrees that more needs to be done on road safety in its determination to curb the rate of road accidents in the country. The sentence makes it obvious

that the efforts put in by the government are not enough, still more needs to be done to reduce the rate of road accidents in the country. Therefore, 'curb' (reduce) is appropriate. Other options are misfits.

**25. Option (3) is correct.**

The correct sentence is: The Government, with the cooperation of relevant agencies, is making serious efforts to instil proper road culture in children, young adults and the public in general. The context states that both the Government and relevant agencies are putting in efforts to instil proper road culture in children, young adults and the public.

**26. Option (2) is correct.**

The pattern of the series is as follows:

205, 222, 241, 264, 293, ?

$$205 + 17 = 222$$

$$222 + 19 = 241$$

$$241 + 23 = 264$$

$$264 + 29 = 293$$

$$293 + 31 = 324$$

Here, all the numbers are prime numbers to be added. Hence, 324 will complete the series.

**27. Option (1) is correct.**

Given that: TYR is written as 65

$$\begin{array}{ccc} T & Y & R \\ \downarrow & \downarrow & \downarrow \\ 20 & + 25 & + 18 + 2 = 65 \end{array}$$

Here, each letter of the given word is an English alphanumeric number; each number is added, and then 2 is added to them to get the final number.

GAP is written as 26

$$\begin{array}{ccc} G & A & P \\ \downarrow & \downarrow & \downarrow \\ 7 & + 1 & + 16 + 2 = 26 \end{array}$$

Similarly, MOJ is written in the same way

$$\begin{array}{ccc} M & O & J \\ \downarrow & \downarrow & \downarrow \\ 13 & + 15 & + 10 + 2 = \boxed{40} \end{array}$$

Hence, MOJ will be written as 40.

**28. Option (1) is correct.**

As we know that a dumb cannot speech and a blind cannot see any sight. Similarly, a deaf cannot hear any sound.

**29. Option (3) is correct.**

Given that:

Floors white marbles is coded as tp aj pr

Tyre are hard white is coded as pr qs tr ak

Marble are shiny is coded as tp tr 6

Here, the code for

floors is aj,

white is pr,

marbles is tp,

tyre is qs/ak,

hard is qs/ak,

are is tr,

shiny is 6

So, by color coding we can say that the code for shiny floors is aj 6.

**30. Option (1) is correct.**

Given expression:  $31 \div 14 \times 9 + 3 - 7 = 66$

Upon checking option 1

After putting sign, we get:  $31 + 14 \times 9 \div 3 - 7 = 66$

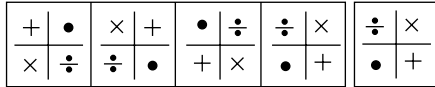
$$\begin{aligned} \Rightarrow 31 + 14 \times 3 - 7 &= 66 \\ \Rightarrow 31 + 42 - 7 &= 66 \\ \Rightarrow 73 - 7 &= 66 \\ \Rightarrow 66 &= 66 \\ \text{LHS} &= \text{RHS} \end{aligned}$$

31. **Option (4) is correct.**

Given that: 31 : 38  
 $38 - 31 = 17$   
 Here the difference between them is 17.  
 Similarly, from option (4), 37 : 54  
 $54 - 37 = 17$

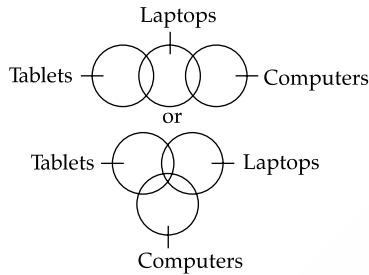
32. **Option (4) is correct.**

The pattern of the figure series is as follows:



33. **Option (3) is correct.**

From the given statements, the venn diagram is as follows:



From conclusion I: Some tablets are computers is false.  
 From conclusion II: Some laptops are not tablets is also false.  
 Hence, neither conclusion I nor II follows.

34. **Option (4) is correct.**

Given that: 16 : 38  
 $16 \times 2 + 6 = 38$   
 And 26 : 58  
 $26 \times 2 + 6 = 58$   
 Similarly, 37 : ?  
 $37 \times 2 + 6 = 80$   
 Hence, 37 : 80 is the correct answer.

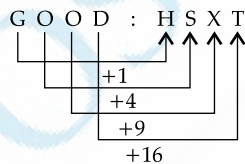
35. **Option (1) is correct.**

After unfolding the paper, it will appear as

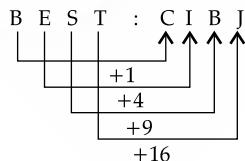


36. **Option (4) is correct.**

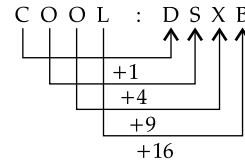
Given that: GOOD : HSXT



Here, each letter is increased by the square of 1, 2, 3, and 4.  
 And BEST : CIBJ



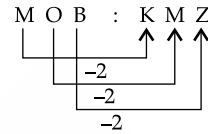
Similarly, COOL can be written as:



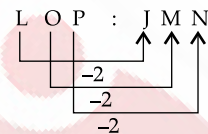
Hence, DSXB is the correct answer.

37. **Option (2) is correct.**

Given that: MOB : KMZ



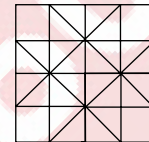
Here, each letter is decreased by 2.  
 Similarly, from option (2)



Hence, LOP : JMN is the correct answer.

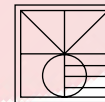
38. **Option (1) is correct.**

As per the symmetry, required answer figure is:



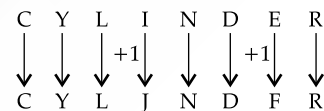
39. **Option (2) is correct.**

The correct answer figure is:



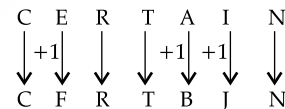
40. **Option (4) is correct.**

Given that: CYLINDER is written as CYLJNDFR

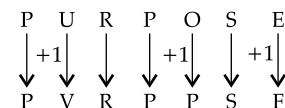


Here, each vowel in the given word is increased by 1, and consonants remain the same.

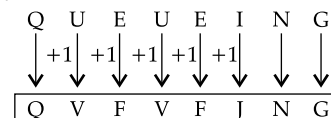
CERTAIN is written as CFRTBJN



And PURPOSE is written as PVRPPSF



Similarly, QUEUEING will be written in the same way

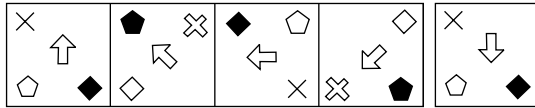


Hence, QUEUEING would be written as QVVFJNG.



**41. Option (1) is correct.**

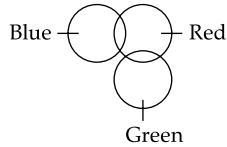
The pattern of the given figure series is as follows:



Here, x moves clockwise, ↑ moves 45 degree anticlockwise. So, this can be done by elimination method.

**42. Option (4) is correct.**

The venn diagram of the given statements is as follows:



From conclusion I: No blue is green is indefinite.  
From conclusion II: No red is green is false.  
Hence, neither conclusion I nor II follows.

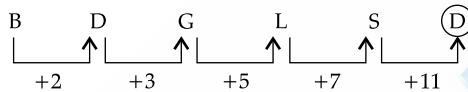
**43. Option (1) is correct.**

Given that: 5 8 7 is written as see good pictures  
5 3 9 is written as good and beautiful  
9 6 7 is written as pictures are beautiful  
After color coding, we get  
5 – good  
7 – pictures  
9 – beautiful  
8 – see  
3 – and  
6 – are

Hence, the code for “see” is “8”.

**44. Option (3) is correct.**

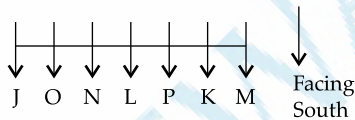
The pattern of the series is as follows:  
B, D, G, L, S, ?



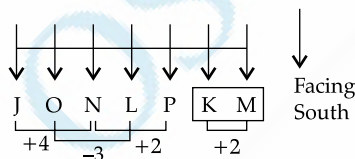
Hence, D will complete the series.

**45. Option (4) is correct.**

The sitting arrangement of seven boys in a row facing south is as following:



So, the pair KM is different from the others. Here, JN, OL, and NP follow the same pattern.



**46. Option (3) is correct.**

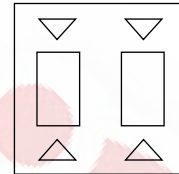
Given expression:  $12 \times 3 \div 6 + 8 - 2$   
According to question,  
After interchanging 3 and 6, we get  
 $12 \times 6 \div 3 + 8 - 2$   
 $\Rightarrow 12 \times 2 + 8 - 2$   
 $\Rightarrow 24 + 8 - 2$   
 $\Rightarrow 32 - 2$   
 $\Rightarrow 30$

**47. Option (3) is correct.**

Given that:  $23 : 72$   
 $2 + 3 : 7 + 2$   
 $5 : 9 = 9 - 5 = 4$   
And  $38 : 117$   
 $3 + 8 : 1 + 1 + 7$   
 $11 : 9 = 11 - 9 = 4$   
Here, the common difference is 4.  
Similarly, from option (4),  $46 : ?$   
 $4 + 6 : 1 + 4 + 1$   
 $10 : 6 = 10 - 6 = 4$   
Hence, it is the correct option.

**48. Option (3) is correct.**

After unfolding the paper, it will appear



**49. Option (2) is correct.**

According to the given question, the weight of seven boys is as follows:

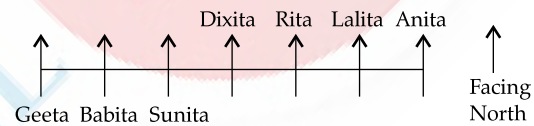
$$>B5 > \_ > \_ > \_ > \_ \dots(i)$$

$$B6 = B4 > B1, B7, B3 \dots(ii)$$

By combining both the equations (i) and (ii), we get  
 $B2 > B5 > B6 = B4 > B1 > B7 > B3$   
Hence, B2 weighs the most.

**50. Option (2) is correct.**

Given that:  
Seven sisters are standing in a row facing north.  
According to question, following arrangement can be made:



Hence, Anita stands at the rightmost position.

**51. Option (3) is correct.**

$$A = \frac{1}{2} + \frac{1}{3} \times \frac{1}{4} \div \frac{1}{5} - \frac{1}{6}$$

$$B = \frac{1}{2} \div \frac{1}{3} \times \frac{1}{4} + \frac{1}{5}$$

Using BODMAS

$$A = \frac{1}{2} + \frac{1}{3} \times \frac{1}{4} \times \frac{5}{1} - \frac{1}{6}$$

$$= \frac{1}{2} + \frac{5}{12} - \frac{1}{6} = \frac{6+5-2}{12}$$

$$A = \frac{9}{12}$$

Now,

$$B = \frac{1}{2} \times \frac{3}{1} \times \frac{1}{4} + \frac{1}{5}$$

$$B = \frac{3}{8} + \frac{1}{5}$$

$$= \frac{15+8}{40} = \frac{23}{40}$$

Hence,

$$\begin{aligned} A - B &= \frac{9}{12} - \frac{23}{40} \\ &= \frac{90 - 69}{120} \\ &= \frac{21}{120} = \frac{7}{40} \end{aligned}$$

**52. Option (4) is correct.**

Let the side of the square =  $x$   
Length of the rectangle =  $y$   
Breadth of the rectangle =  $z$   
The area of square = side  $\times$  side =  $x \times x = x^2$

$$\text{or, } 400 = x^2$$

$$\Rightarrow \sqrt{400} = x$$

$$\Rightarrow x = 20 \text{ cm}$$

Perimeter of square = perimeter of rectangle

$$4x = 2(y + z)$$

$$\Rightarrow 4 \times 20 = 2(y + 12)$$

$$40 - 12 = y$$

$$\Rightarrow y = 28$$

Area of rectangle = Length  $\times$  Breadth

$$= x \times y$$

$$= 28 \times 20$$

$$= 560 \text{ cm}^2$$

**53. Option (2) is correct.**

Let the total number of marks of exam be  $x$   
According to question

$$45\% \text{ of } x = 83 + 25$$

$$\left(\frac{45}{100}\right)x = 108$$

$$x = \frac{108 \times 100}{45} = 240$$

The qualifying marks to secure category A job = 25% of  $x =$

$$\left(\frac{25}{100}\right) \times 240 = 60 \text{ marks}$$

**54. Option (3) is correct.**

$$\frac{32 \div 16 - 5 \times 2}{11 \div 22 \times 8 - 5 \times 2} = \frac{1}{P}$$

Using BODMAS Rule,

$$\Rightarrow \frac{\frac{32}{16} - 5 \times 2}{\frac{11}{22} \times 8 - 5 \times 2} = \frac{1}{P}$$

$$\Rightarrow \frac{2 - 10}{4 - 10} = \frac{1}{P}$$

$$\Rightarrow \frac{-8}{-6} = \frac{1}{P}$$

$$\Rightarrow \frac{4}{3} = \frac{1}{P}$$

$$\Rightarrow P = \frac{3}{4}$$

**55. Option (4) is correct.**

The total surface area of sphere of the radius  $r =$  The total surface area of cube of the side  $S$

$$4\pi r^2 = 6S^2$$

$$\Rightarrow r^2 = \frac{6}{12.56} S^2$$

$$\Rightarrow r^2 = .477S^2$$

Taking root both sides

$$r = .69S$$

$$\Rightarrow r < S$$

**56. Option (2) is correct.**

$$\begin{aligned} \text{Total salary of 12 employees} \\ &= 12 \times ₹ 20,000 = ₹ 2,40,000 \end{aligned}$$

Let the salary of the manager =  $x$

$$\begin{aligned} \text{Now, the total salary of 13 employees including manager} \\ &= 13 \times (20,000 + 2000) \\ &= 13 \times 22000 \\ &= ₹ 2,86,000 \end{aligned}$$

$$\begin{aligned} \text{Hence, the salary of Manager} \\ &= ₹ 2,86,000 - ₹ 2,40,000 \\ &= ₹ 46,000 \end{aligned}$$

**57. Option (3) is correct.**

Let the Sum be  $P$

$$SI = \frac{P \times R \times T}{100}$$

$$\Rightarrow 1600 = \frac{P \times 4 \times 2}{100}$$

$$\Rightarrow P = \frac{1600 \times 100}{8}$$

$$P = ₹ 20,000$$

The difference between CI and SI for 2 years

$$= P \left( \frac{R}{100} \right)^2$$

$$= 20000 \left( \frac{4}{100} \right)^2$$

$$= \frac{20000 \times 4 \times 4}{100 \times 100} = ₹ 32$$

**58. Option (1) is correct.**

Let the replaced number be  $x$

The sum of 20 numbers =  $P \times 20 = 20P$

Sum of numbers with respect to new average

$$= 20 \times (P - 2) = 20P - 40$$

According to question

$$20P - x + 58 = 20P - 40$$

$$x = 58 + 40 = 98$$

**59. Option (4) is correct.**

$$\text{Circumference of circle} = 2\pi \left( \frac{d}{2} \right)$$

Diameter ( $d$ ) = 112 cm

Hence,

$$\text{Circumference} = 2 \times \left( \frac{22}{7} \right) \times \left( \frac{112}{2} \right) = 352 \text{ cm}$$

**60. Option (2) is correct.**

Cost price (C.P.), Selling Price (S.P.)

Let the Cost Price (C.P.) =  $x$

$$\text{Loss \%} = \frac{CP - SP}{CP} \times 100$$

$$\text{Loss \%} = \frac{x - 440}{x} \times 100 \quad \dots(1)$$

When,

$$\text{S.P.} = ₹ 410$$

$$\text{Loss \%} = \frac{x - 410}{x} \times 100 \quad \dots(2)$$

Now, (2) - (1)

$$\Rightarrow 4 = \left(\frac{x-410}{x} \times 100\right) - \left(\frac{x-440}{x} \times 100\right)$$

$$\Rightarrow 4 = \left(\frac{100}{x}\right)[x-410-x+440]$$

$$\Rightarrow x = \left(\frac{100}{x}\right) \times 30$$

$$\Rightarrow x = 25 \times 30$$

$$\Rightarrow x = ₹ 750$$

61. Option (4) is correct.

Cost price (C.P.), Selling Price (S.P.), Marked Price (M.P.)  
Now,

$$MP = \left(\frac{130}{100}\right) CP$$

Let the MP be  $13x$   
Hence, C.P. =  $10x$

$$\text{Now S.P.} = 13x \times \left(\frac{80}{100}\right) = \left(\frac{104}{10}\right)x$$

$$\text{Profit \%} = \frac{SP - CP}{CP} \times 100$$

$$= \left(\frac{104x - 10x}{10x}\right) \times 100$$

$$= \left(\frac{0.4x}{10x}\right) \times 100 = 4\%$$

62. Option (2) is correct.

Let C.P. =  $x$

$$\text{Now S.P.} = 13x \times \left(\frac{80}{100}\right) = \left(\frac{104}{10}\right)x$$

$$\text{Profit \%} = \frac{SP - CP}{CP} \times 100$$

$$\Rightarrow 30 = \left(\frac{1560 - x}{x}\right) \times 100$$

$$\Rightarrow 30x = \left(\frac{156000 - 100x}{1}\right)$$

$$\Rightarrow 30x + 100x = 156000$$

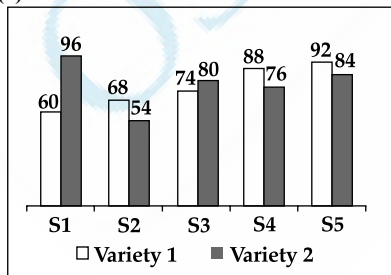
$$\Rightarrow x = 1200$$

Now,

$$\text{Loss \%} = \frac{CP - SP}{CP} \times 100$$

$$= \left(\frac{1200 - 960}{1200}\right) \times 100 = \frac{240}{12} = 20\%$$

63. Option (1) is correct.



$$\text{Average} = \frac{\text{sum of all tea packets}}{\text{Number of shops}}$$

Average packets sold

$$= \frac{60 + 96 + 68 + 54 + 74 + 80 + 88 + 76 + 92 + 84}{5}$$

$$= \frac{772}{5} = 154.4$$

64. Option (1) is correct.

$$S = \left(\frac{120}{100}\right) T$$

$$S = \left(\frac{6}{5}\right) T \quad \dots(1)$$

and,  $T = \left(\frac{90}{100}\right) U$

$$T = \left(\frac{9}{10}\right) U \quad \dots(2)$$

From 1 and 2

$$S = \left(\frac{6}{5}\right) \times \left(\frac{9}{10}\right) U$$

$$\frac{S}{U} = \left(\frac{6}{5}\right) \times \left(\frac{9}{10}\right) = \frac{27}{25} \Rightarrow 27 : 25$$

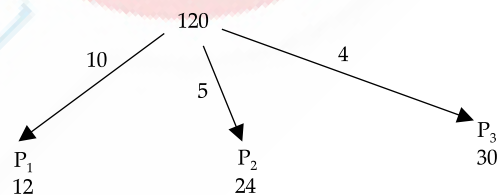
65. Option (2) is correct.

$$P_1 \text{ can do } \frac{2}{3} \text{ work} = 8 \text{ days}$$

$$\text{Hence, } P_1 \text{ can do 1 work} = 8 \times \left(\frac{3}{2}\right) = 12 \text{ days}$$

$$P_2 \text{ can do 1 work} = 14 \times \left(\frac{12}{7}\right) = 24 \text{ days}$$

$$P_3 \text{ can do 1 work} = 16 \times \left(\frac{15}{8}\right) = 30 \text{ days}$$



$$\text{Hence, the number of days} = \frac{120}{19}$$

66. Option (1) is correct.

Let the two numbers be  $x$  and  $y$ , where  $x > y$

According to question:

$$LCM = 2x$$

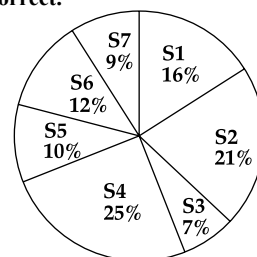
And  $LCM \times HCF = 1^{st} \text{ number} \times 2^{nd} \text{ number}$

$$2x \times 3 = x \times y$$

$$6 = y$$

Hence, smaller number = 6

67. Option (3) is correct.



Total number of bags sold = 1400  
 Number of bags sold by  $s_3$  and  $s_7$   

$$= \left( \frac{7\% + 9\%}{100} \right) \times 1400$$

$$= \left( \frac{16}{100} \right) \times 1400 = 224 \text{ bags}$$

68. **Option (1) is correct.**

The total weight of A, B and C =  $52 \times 3 = 156 \text{ kg}$  ... (1)  
 The total weight of B and C =  $44 \times 2 = 88 \text{ kg}$  ... (2)  
 The total weight of C and A =  $46 \times 2 = 92 \text{ kg}$  ... (3)  
 Adding 2 and 3 and putting value of A + B + C from equation 1  
 $A + B + C + C = 88 + 92$   
 $156 + C = 180$   
 $C = 180 - 156 = 24 \text{ kg}$

69. **Option (4) is correct.**

Speed of the boat in still water = (B) = 10 km/hour  
 Speed of the stream (W) = 2 km/hour  
 Distance = Speed  $\times$  Time  
 Total distance = upstream speed  $\times$  time  
 $= (10 - 2) \times 4 + (10 + 2) \times 3$   
 $= 8 \times 4 + 12 \times 3$   
 $= 32 + 36$   
 $= 68 \text{ km}$

70. **Option (3) is correct.**

Bowler	Overs	Wickets
Jadeja	8	3
Jaspreet	6	2
Bumrah	5	1
Pandya	4	3
Ashwin	6	1

Ashwin has taken 6 overs for 1 wicket.

71. **Option (3) is correct.**

Let the number subtracted be  $x$   
 According to question:  

$$\frac{55 - x}{23 - x} = \frac{43 - x}{19 - x}$$

Now check option (3)

Put,  $x = 7$   

$$\Rightarrow \frac{55 - 7}{23 - 7} = \frac{43 - 7}{19 - 7}$$

$$\Rightarrow \frac{48}{16} = \frac{36}{12}$$

$$\Rightarrow 3 = 3$$

72. **Option (4) is correct.**

Since, the price increases by 5%  
 Hence, Price of diesel after 2 years  

$$= 80 \times \left( \frac{105}{100} \right) \times (105 \times 100)$$

$$= \frac{882000}{10000} = ₹ 88.2$$

73. **Option (3) is correct.**

Let the number of ₹ 10 coins =  $x$   
 Let the number of ₹ 5 coins =  $y$   
 Let the number of ₹ 2 coins =  $z$   
 $xy : yz : zx = 3 : 4 : 2$   
 $xy = 3k, yz = 4k, zx = 2k$

$$\left( \frac{xy}{yz} \right) = \left( \frac{3k}{4k} \right)$$

$$\frac{x}{z} = \frac{3}{4}$$

$$\left( \frac{xy}{zx} \right) = \left( \frac{3k}{2k} \right)$$

$$\left( \frac{y}{z} \right) = \left( \frac{3}{2} \right) \times \left( \frac{2}{2} \right) = \left( \frac{6}{4} \right)$$

Hence,  $x : y : z = 3 : 6 : 4$

Minimum amount of money this person has:  
 $= (3 \times 10) + (6 \times 5) + (4 \times 2)$   
 $= (30 + 30 + 8) = ₹ 68$

74. **Option (2) is correct.**

A	B	C
25%	$= \left( \frac{25}{100} \right) = \left( \frac{1}{4} \right)$	and $33 \left( \frac{1}{3} \right) \% = \left( \frac{1}{3} \right)$

A	B	C
4	3	3
	3	4

Hence, efficiency of A : B : C = 4 : 3 : 4

Total work = A's efficiency  $\times$  number of days  
 $= 4 \times 30 = 120 \text{ units}$

Number of days in which A, B, C

Complete the work =  $(120) \frac{\text{units}}{(4 + 3 + 4) \text{ units}}$   
 $= \left( \frac{120}{11} \right) \text{ days}$

75. **Option (3) is correct.**

Let the speed of the man in still water = B km/h

The speed of current = W km/h

Downstream speed = B + W = 15 km/h ... (1)

Upstream speed = B - W = 11 km/h ... (2)

(1) + (2)

$$B + W + B - W = 15 + 11$$

$$2B = 26$$

$$B = 13 \text{ km/h}$$

Putting the value of B in equation 1

$$13 + W = 15$$

or,  $W = 15 - 13$

$$W = 2 \text{ km/h}$$

Hence, 13:2 is answer.

76. **Option (3) is correct.**

Alluri Sitarama Raju was born on July 4, 1897, in Mogallu, near Bhimavaram, Andhra Pradesh. He finished primary school in various locations near his hometown before moving to Vishakhapatnam at the age of 15 to pursue a high school and university education. Alluri is best known for leading the Rampa Rebellion against the British, in which he rallied the tribals of Vishakhapatnam and East Godavari districts to revolt against the British. He was inspired to fight against the British government by Bengali revolutionaries. The Rampa Revolt took place between 1922 and 1924. Alluri and his men stormed several police stations, killing many British officers and stealing weapons and ammunition for their fight.



77. **Option (3) is correct.**  
Qatar hosted the FIFA World Cup in 2022. This world cup featured 32 competing teams. This will be the Arab World Cup's first appearance. The FIFA World Cup Every four years, an international football competition is held. It was founded in 1930. Brazil is the most successful team ( 5 times). Argentina is the current champion (2022), followed by France (2018). FIFA's headquarters are in Zurich, Switzerland. Gianni Infantino is the President. The United States, Mexico, and Canada will host the FIFA World Cup 2026.
78. **Option (3) is correct.**  
The Ministry of Finance issues currency notes and coins in denominations of one rupee and below. The Government of India has the sole jurisdiction to issue coins under the Coinage Act of 1906. According to Section 24(1) of the RBI Act of 1934, the RBI is not authorised to print banknotes of one rupee denomination. Also, the phrase 'I guarantee to pay the bearer' is not printed on the one rupee note. The one rupee currency note is issued by the Ministry of Finance and signed by India's Finance Secretary.
79. **Option (2) is correct.**  
Indium has the largest atomic radius of the options presented. The atomic radius is the distance between the atom's central nucleus and the last electron orbit. 'Indium' has the highest atomic number of 49 of the elements listed. As a result, the number of electrons in it is also the highest. This means it has the greatest number of electronic shells. As a result, it has the largest atomic radius.
80. **Option (3) is correct.**  
Neeraj Chopra made history by winning a gold medal in the Javelin Throw at the 2020 Tokyo Olympics. His best throw in the event was 87.58 metres, which won him the gold medal.
81. **Option (1) is correct.**  
A megalith is a big prehistoric stone used to build a construction or monument, either alone or in conjunction with other stones. Cairn-circles are a type of prehistoric stone row that consists of a line of parallel megalithic standing stones. The State Department of Archaeology in Chennai has discovered 250 cairn circles at the Kodumanal excavation site in Tamil Nadu. For the first time, ten pots and bowls were unearthed at the site, rather than the customary three or four pots placed outside three-chambered burial cists and inside the cairn circle.
82. **Option (2) is correct.**  
During Akbar's reign, Raja Todar Mal was the Mughal Empire's Finance Minister. He was a Navaratna in Akbar's darbar (court). Under Akbar's reign, the revenue system was known as the Zabt System. This system was introduced by Raja Todar Mal, Akbar's finance minister. He meticulously recorded crop yields and prices for the ten years 1570-1580. The taxation system was known as Dahshala. Each province was divided into revenue circles, each with its unique revenue rates for each crop. On this premise, a monetary tax was imposed on each crop.
83. **Option (4) is correct.**  
In Part III of the Constitution, the Basic Rights are outlined (Articles 12-35). Part III of the Constitution is referred to as the Indian Magna Carta. The Indian Constitution establishes six fundamental rights. Fundamental rights, judicial independence, judicial review, impeachment of the president, removal of Supreme Court and high court judges, and the position of vice-president are all guaranteed by the US Constitution.
84. **Option (2) is correct.**  
Sundari trees, which yield durable hard lumber, can be found in the Ganga-Brahmaputra delta. Certain portions of the delta also have palm, coconut, keora, and agar trees. The Royal Bengal Tiger is a well-known animal in these woodlands. These woodlands are also home to turtles, crocodiles, gharials, and snakes. Sundari trees are found primarily in West Bengal.
85. **Option (2) is correct.**  
Natyanyali Dance Festival is held in Parakara, Chidambaram Temple, Chidambaram, Tamil Nadu, every February and March (Natyanyali Dance Festival). This is a five-day festival that begins on Mahashivratri, the auspicious day. Natyanjali is an annual dance festival that honours Hindu Lord Shiva. It began in 1981 and was initially a fairly dark event. The current version lasts about 13 days, and the god Nataraja receives artistic support from various styles of classical dance forms.
86. **Option (2) is correct.**  
The number of females per 1000 males is referred to as the sex ratio. The number of females in 1000 males is given by this ratio. Deviations from this trend have been observed on a regular basis. This is demonstrated by an age-related pattern: higher at a young age, narrowing with increasing age, and falling below 100 by middle age. The 'sex ratio' is an important indicator of a population's gender balance. According to the 2011 Population Census, India's population ratio is 940 females for every 1000 males.
87. **Option (2) is correct.**  
Gillian Flynn is the author of the book Gone Girl, for which she penned the Golden Globe-nominated screenplay, as well as the New York Times bestsellers Dark Places and Sharp Objects, as well as the novella The Grownup.
88. **Option (2) is correct.**  
Abiotic factors are all non-living factors that influence an ecosystem, such as physical circumstances and chemical factors. Sunlight, water, air, humidity, pH, temperature, salinity, precipitation, altitude, type of soil, minerals, wind, dissolved oxygen, and mineral nutrients present in the soil, air, and water are examples of abiotic variables. Abiotic factors exist independently of biotic factors. The lithosphere, hydrosphere, and atmosphere all contribute to abiotic components.
89. **Option (2) is correct.**  
In 1968, Ravi Shankar became the first Indian to receive a Grammy Award. He won in the category of 'Best Chamber Music Performance' for his album 'West Meets East'. In 1968, the iconic performer won the first Grammy for his album West Meets East in the category of 'Best Chamber Music Performance'. In 1997, he performed with Anoushka in Birmingham's Symphony Hall for the BBC. 'Three-time Grammy winner Ravi Shankar is a true advocate for worldwide music as one of the world's most renowned sitar performers', stated the Recording Academy in a statement.
90. **Option (2) is correct.**  
In the various states and two union territories, Delhi and Pondicherry, the legislative assembly is the lower body of the state legislature. Members of a Legislative Assembly are the state's direct representatives because they are directly elected. The legislative assembly has a five-year term. The legislative assembly's maximum and minimum sizes are 500 and 60, respectively. The legislative assemblies in Goa, Mizoram, and Sikkim might have less than 60 members.
91. **Option (4) is correct.**  
Subhash Chandra Bose was the Indian National Army's founding father (Azad Hind Fauz). It was established on October 21, 1943. Subhash Chandra Bose arrived in East Asia on June 13, 1943, at the invitation of Ras Bihari Bose. He was elected president of the Indian Independence League, also known as the 'Azad Hind Fauz'. The Indian National Army was renamed Azad Hind Fauz by Subhash Chandra Bose.

The famous battle cry 'Chalo Dilli' was given by him. He promised Indians independence, saying, 'tum mujhe khooon do, main tumhe Azadi dunga' (You give me blood, I will give you freedom).

**92. Option (3) is correct.**

Satriya Nritya is an Assamese classical dance form that represents Satriya culture, the foundation of Assam's religious and cultural fabric. It is a dance-drama performance art that originated in Assam's Krishna-centered Vaishnavism monasteries and is credited to the 15<sup>th</sup>-century Bhakti movement scholar and saint Mahapurush Srimanta Sankardev. Dr Sunil Kothari, a dance historian, was recently awarded the Madhabdev Award by the Government of Assam for popularising the Satriya dance. Satriya was elevated to the status of classical dance by the Sangeet Natak Akademi in the year 2000.

**93. Option (3) is correct.**

The 2021 ICC Men's T20 World Cup was the seventh ICC Men's T20 World Cup, held in the United Arab Emirates and Oman from October 17 to November 14, 2021. The defending champions, the West Indies, were eliminated in the Super 12 stage.

**94. Option (2) is correct.**

Krishna, Kaveri, Ganga, and Godavari are some of the Indian rivers that flow into the Bay of Bengal. The Godavari River originates in the Maharashtra district of Nashik, near Trimbakeshwar. It is India's oldest river. It is often referred to as the Ganga of South India. It is India's second-longest river. Polavaram Dam (Andhra Pradesh) and Pochampad Dam (Karnataka) are two dams on the Godavari River (Telangana).

**95. Option (1) is correct.**

Rukmini Devi Arundale was the first female Rajya Sabha nominee. She was born in Madurai on February 29, 1904. Rukmini Devi Arundale was an Indian theosophist, dancer, and choreographer of Bharatanatyam, an Indian classical dance form. She was an animal rights and welfare activist. She advocated for the cause of Bharata Natyam, which was considered a vulgar art form at the time. In 1956, she was

awarded the Padma Bhushan. In 1967, she was also given the Sangeet Natak Akademi Fellowship.

**96. Option (4) is correct.**

The Jagananna Thodu scheme was launched by Andhra Pradesh Chief Minister Y.S. Jagan Mohan Reddy. An amount of 905 crores was deposited into the bank accounts of 9.05 lakh small traders under this scheme in order to provide an interest-free loan. The government will pay interest in the range of 60 to 100 crores per year. Y. S. Jaganmohan Reddy is the Chief Minister of Andhra Pradesh. As of November 2023, S Abdul Nazeer is the Governor.

**97. Option (1) is correct.**

Thimphu, also known as 'Thimbu,' is Bhutan's capital. The city, which is located in the country's west-central region, is located on the Raidak River in the Himalayan Mountains at a height of approximately 7,000 feet (2,000 meters).

**98. Option (2) is correct.**

Bile juice is secreted by the liver. The gallbladder then stores this juice. Bile juice aids in food digestion. It is a yellowish fluid produced by the liver. The liver secretes bile juice, which is a digesting juice. The gallbladder is where bile is kept. Bile juice is made up of bilirubin and biliverdin, as well as bile salts and cholesterol. Bile juice aids in fat emulsification. It breaks down large fat globules into smaller globules, making it easier for pancreatic enzymes to act on them.

**99. Option (1) is correct.**

Bonalu is an annual festival celebrated in the twin cities of Hyderabad and Secunderabad, Telangana as well as other parts of the state. It is observed in the month of Ashada Masam, which falls in July/August. The Bonalu festival honours the Goddess Mahakali. It was designated a state festival' by the K Chandrasekhar Rao-led government following the formation of the state in 2014.

**100. Option (2) is correct.**

The steep rocky coast rising almost vertically above seawater is called a sea cliff. Cliff is a vertical pile of rock that climbs very high and runs straight up and down.