

Army Ordnance Corps (AOC)

Tradesman Mate, Fireman and Multi Tasking Staff (MTS)

Recruitment Exam

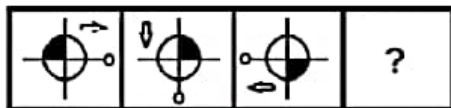
GENERAL INTELLIGENCE & REASONING

1. Which number will replace the question mark (?) in the following series?

17, 51, 58, 116, 123, 123, ?

- A. 150 B. 120
C. 130 D. 140

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



- A. B.
C. D.

3. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

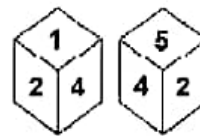
?	8	11
7	6	5
48	63	72

- A. 4 B. 6
C. 5 D. 7

4. In a code language, if '265' is written as 'PNH', '187' is written as 'OXB', and '248' is written as 'NUB', then which of the following letters represents the number '4'?

- A. U B. B
C. N D. P

5. Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the face showing '5'.



- A. 3 B. 1
C. 6 D. 4

6. Select the letter-cluster that can replace the question mark (?) in the given letter-cluster series.

AE, KQ, EI, LR, IO, ?, OU, NT

- A. MR B. NR
C. MS D. NS

7. In a code language, 'TORCH' is written as 'UNPSDI' and 'BEST' is written as 'CDFTU'. How will 'MARKS' be written in that language?

- A. NABSLU B. NZCSLT
C. OZBSMT D. NZBSLT

8. Which number will replace the question mark (?) in the following series?

2430, ?, 270, 90, 30, 10

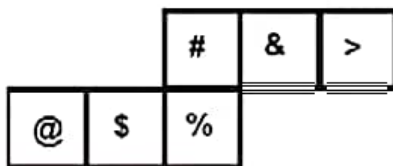
- A. 800 B. 805
C. 810 D. 540

9. Which two signs should be interchanged to make the given equation correct?

$$25 - 5 \times 50 \div 10 + 35 = 155$$

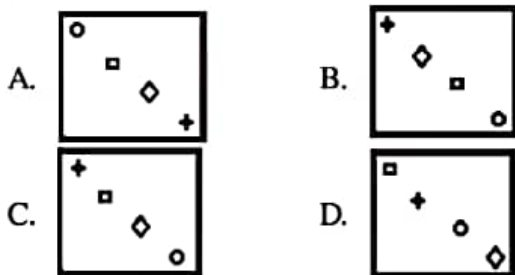
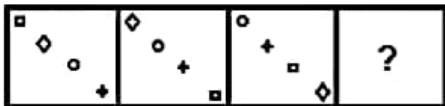
- A. $\times$ and $-$ B. $\times$ and $+$
C. $+$ and $-$ D. $\times$ and $\div$

10. A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of symbols will NOT be on the opposite faces?



- A. & and \$ B. \$ and #
C. @ and % D. # and >

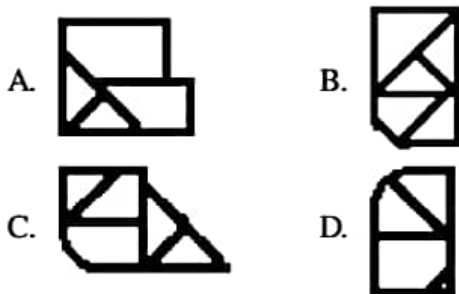
11. Select the figure that will replace the question mark (?) in the following figure series.



12. Select the option figure which is NOT embedded in the figure (X) given below (rotation is NOT allowed).



(X)



13. Four friends are playing carrom and sitting on the four sides of the carrom board. B is to the right of C. D is to the left of A. Who is sitting to the left of C?

- A. Data is inadequate
B. D
C. B
D. A

14. Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Scrutiny 2. Applications
3. Interview 4. Job offer
5. Joining
A. 1, 3, 2, 4, 5 B. 2, 4, 1, 5, 3
C. 3, 1, 5, 4, 2 D. 2, 1, 3, 4, 5

15. If 18 October 2006 was Wednesday, then what was the day of the week on 17 October 2000?

- A. Tuesday B. Wednesday
C. Monday D. Sunday

16. The given Venn diagram best represents the relationship between which set of classes given in the options?



- A. Males, Fathers, Sons
B. Sisters, Females, Mothers
C. Fathers, Males, Doctors
D. Engineers, Brothers, Males

17. Which number will replace the question mark (?) in the following series?

112, ?, 83, 70, 58, 47, 37

- A. 94 B. 104
C. 97 D. 100

18. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

54	40	56
68	57	44
47	39	?

- A. 22 B. 30
C. 33 D. 32

19. One day, 90 students were travelling in a bus and the ratio of the number of boys to that of girls was 2 : 1. The next day, the number of students remained the same, but the ratio of the number of boys to that of girls became 3 : 2. What was the difference between the numbers of boys travelling in the bus on both the days?

A. 6
B. 30
C. 14
D. 18

20. In a code language, if 'you are there' is written as 'ter der jer', 'we stay here' is written as 'yer mer ner', 'we are late' is written as 'ser ner der', and 'I stay there' is written as 'yer fer jer', then how would 'you stay late' be written in this language?

A. ter yer ser
B. ter yer mer
C. der yer ser
D. ter mer ser

21. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

A. CFILO
B. UXADG
C. OMSVY
D. ORUXA

22. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

ABSORPTION : ROSBANOITP ::
VISUALIZER : ?

A. AUSIVREILZ
B. VUAISREZIL
C. AUSIVREZIL
D. UASIVERZIL

23. Ronita's only brother Vikram is the husband of Kritika's mother Sejal. How is Ronita's mother Chandni related to Kritika?

A. Mother-in-law
B. Maternal grandmother
C. Paternal aunt
D. Paternal grandmother

24. In a code language, 'DENT' is written as '51' and 'LOAD' is written as '40'. How will 'COST' be written in that language?

A. 65
B. 62
C. 75
D. 57

25. Two statements are given, followed by three conclusions numbered I, II and III. 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.

Statements:

All photographs are newspapers.

Some photographs are computers.

Conclusions:

I. Some computers are photographs.

II. Some computers are newspapers.

III. Some newspapers are photographs.

A. All of the conclusions follow
B. Only conclusions I and II follow
C. Only conclusions II and III follow
D. Only conclusions I and III follow

26. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

28	58	118
21	44	90
47	96	?

A. 188
B. 150
C. 194
D. 176

27. Two numbers are named as Number A and Number B. The sum of Number A, its square and its cube is 399. The sum of Number B, its square and its cube is 819. What would be the square of the number obtained by adding Number A and Number B?

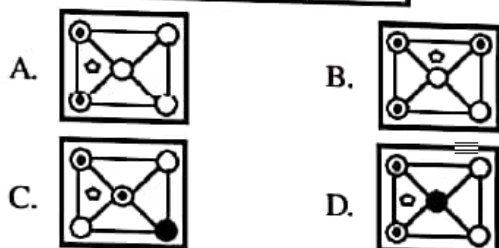
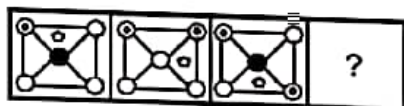
A. 324
B. 225
C. 289
D. 256

28. Select the correct combination of mathematical signs that can sequentially replace the * signs from left to right to balance the following equation.

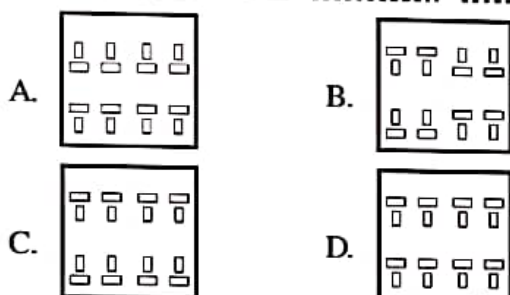
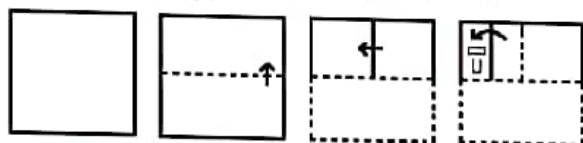
$$31 * 2 * 60 * 30 * 15 * 49$$

A. $\times, +, \div, -, =$
B. $-, \div, +, \times, =$
C. $\times, \div, +, -, =$
D. $\times, -, +, \div, =$

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



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



31. In a code language, 'PLACARD' is written as 'TPEYEVH'. How will 'MONSTER' be written in that language?

A. RTSOXIV B. QSROXIV
C. QSRRXIV D. PSSOXJV

32. Select the letter-cluster that can replace the question mark (?) in the given letter-cluster series.

XMT, ENA, LOH, SPO, ?

A. ZQV B. YPC
C. ZQZ D. YQU

33. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

14	16	60
11	17	?
15	18	99

A. 78 B. 168
C. 89 D. 144

34. If 'A' denotes 'addition', 'B' denotes 'multiplication', 'C' denotes 'subtraction', and 'D' denotes 'division', then what will be the value of the following expression?

35 B 2 A 5 B (40 C 37) A (8 B 4) D 16 C 14 = ?

A. 54 B. 66
C. 73 D. 56

35. Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

No plant is a tree.

All ornaments are plants.

Conclusions:

I. No ornament is a tree.

II. Some plants are ornaments.

A. Both conclusions follow
B. Only conclusion I follows
C. Only conclusion II follows
D. Either conclusion I or II follows.

36. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Flexible 2. Flower
3. Flooring 4. Flood
5. Floater

A. 1, 5, 3, 4, 2 B. 1, 5, 4, 3, 2
C. 2, 5, 4, 3, 1 D. 3, 5, 4, 2, 1

37. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

A. BYHE B. HSNZ
C. DWJC D. UFAL

38. Which number will replace the question mark (?) in the following series?

82, ?, 119, 142, 168, 197

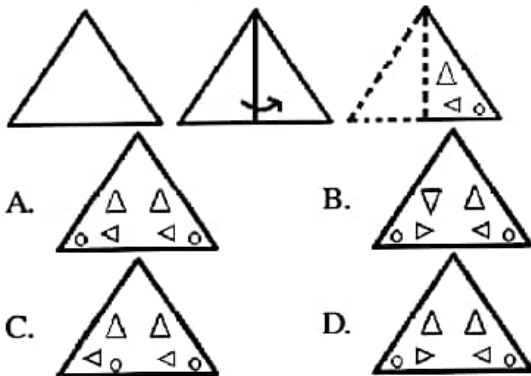
A. 99 B. 95
C. 85 D. 107

39. Ratan walks 15 m towards the north and then turns right and walks 23 m. Then, he turns left

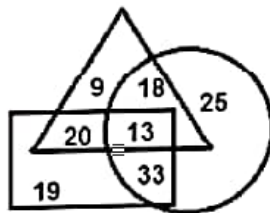
and walks 16 m. After that, he turns left and walks 11 m. Then, he turns right and walks 17 m. Then, he turns left and walks 12 m. He finally turns right and walks 19 m. In which direction and how far is he now with reference to the starting point?

- A. North, 52 m B. South, 51 m
C. North, 67 m D. North, 48 m

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



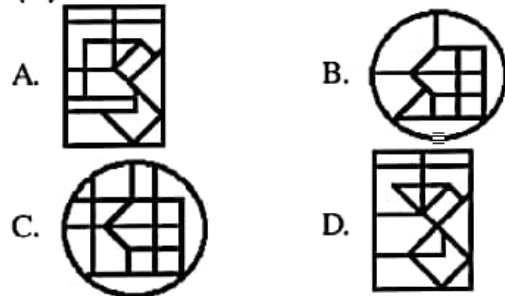
41. In the following Venn diagram, the 'Circle' stands for 'Journalists', the 'Triangle' stands for 'Females' and the 'Rectangle' stands for 'Urban residents'. The given numbers represent the number of persons in that particular category. How many journalists are females but NOT urban residents?



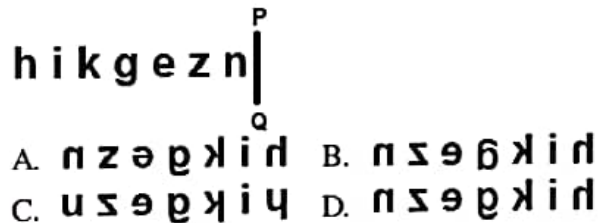
- A. 25 B. 9
C. 18 D. 13
42. Five friends P, Q, R, S and T are sitting around a circular table facing the centre of the table. S is sitting to the immediate right of P. T is sitting to the immediate left of Q. P is between S and R. Who is sitting at the second place to the left of T?
- A. Q B. R
C. P D. S
43. Select the option in which the given figure (X) is embedded (rotation is NOT allowed).



(X)



44. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



45. Select the letter-cluster that can replace the question mark (?) in the given letter-cluster series.

HBS, GDP, FFM, ?, DJG

- A. EHJ B. EGI
C. EHG D. DHJ

46. 'A % B' means 'A is the mother of B'.
'A \$ B' means 'A is the father of B'.
'A # B' means 'A is the brother of B'.
'A & B' means 'A is the sister of B'.

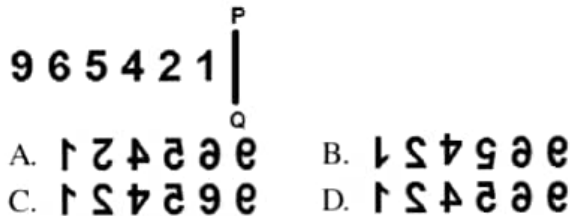
If J \$ H # R % N & T # U % P, then which of the following statements is NOT correct?

- A. J is the maternal grandfather of N.
B. R is the maternal grandmother of P.
C. R is the mother of U.
D. N is the sister of P.

47. Two teams, consisting of 3 players in each team, are participating in a debate competition. Three players in one team are sitting facing the three players of the other team. K and L are sitting facing each other. N and O are in different teams. M is sitting facing N. P is at one of the corners. N is sitting to the immediate right of L. Which of the following are members of the same team?

- A. O, K and N
B. K, M and P
C. N, L and M
D. L, N and P

48. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



49. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

SLOW : MPTX :: CAUGHT : ?

- A. WVHIUV
B. BDHIUV
C. BDIUVH
D. DBVHIU

50. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

16 : 224

- A. 20 : 400
B. 22 : 440
C. 25 : 650
D. 17 : 289

NUMERICAL APTITUDE

51. Find the LCM of 72, 90 and 162

- A. 3025
B. 3240
C. 2340
D. 4320

52. $(16 \div 4) \div 4$ is equal to

- A. 4
B. 3
C. 2
D. 1

53. Simplify:

$$\left(1 + \frac{1}{4}\right)\left(1 - \frac{1}{4}\right)\left(1 + \frac{1}{5}\right)\left(1 - \frac{1}{5}\right)\left(1 + \frac{1}{6}\right)\left(1 - \frac{1}{6}\right)$$

- A. $\frac{3}{8}$
B. $\frac{5}{8}$
C. $\frac{1}{8}$
D. $\frac{7}{8}$

54. Find the value of

$$\sqrt{17 + \sqrt{51 + \sqrt{152 + \sqrt{289}}}}$$

- A. 11
B. 5
C. 7
D. 9

55. The sum of five numbers is 555. The average of first two numbers is 75 and the third number is 115. What is the average of last two numbers?

- A. 145
B. 290
C. 240
D. 150

56. On what sum of money lent out at 9% per annum simple interest for 6 years does amount to ₹ 810?

- A. ₹ 1500
B. ₹ 1000
C. ₹ 1200
D. ₹ 1800

57. A farmer borrowed ₹ 4200 at 10% per annum. At the end of 5 years he cleared his account by paying ₹ 5000 and a cow. The cost of the cow is:

- A. ₹ 1300
B. ₹ 1240
C. ₹ 1200
D. ₹ 1340

58. A watch costing ₹ 250 has been sold for ₹ 300. The percentage profit was:

- A. 20%
B. 15%
C. $16\frac{2}{3}\%$
D. 25%

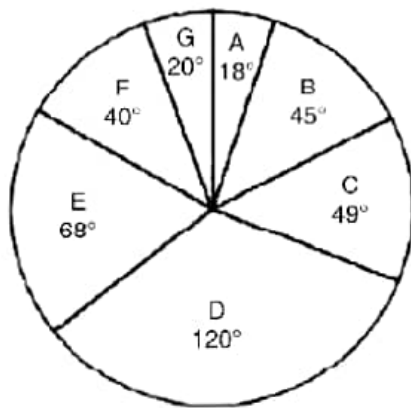
59. By selling an article for ₹ 444, the gain is 20%. What is the cost price of this article?

- A. ₹ 350
B. ₹ 360
C. ₹ 370
D. ₹ 365

60. A shopkeeper allows 10% discount on the marked price of an article and still gains 25%. Find the cost price of the article which has been marked at ₹ 150

- A. ₹ 105
B. ₹ 108
C. ₹ 110
D. ₹ 120

61. 18 boys can do a piece of work in 24 days. In how many days can 16 boys do the same work?
A. 25 days
B. 28 days
C. 27 days
D. 30 days
62. A can do a work in 6 days and B in 9 days. How many days will both take together to complete the work?
A. 7.5 days
B. 5.4 days
C. 3.6 days
D. 3 days
63. A 200 m long train is running at 72 km/hr. In how much time will it cross an electric pole?
A. 12 seconds
B. 8 seconds
C. 10 seconds
D. 15 seconds
64. Three sides of a triangle are in the ratio 3 : 4 : 5. If its perimeter is 24 m, find area of this triangle.
A. 12 m²
B. 24 m²
C. 6 m²
D. 60 m²
65. The base and height of a triangle is 8 cm and 10 cm respectively. Its area will be:
A. 40 cm²
B. 20 cm²
C. 49 cm²
D. 64 cm²
66. The perimeter of a square is 24 m and that of another is 32 m. Find the perimeter of a third square area of which is equal to sum of the areas of these two squares.
A. 42 m
B. 44 m
C. 48 m
D. 40 m
67. A train travels from A to B at the rate of 20 km per hour and from B to A at the rate of 30 km/hr. What is the average speed for the whole journey?
A. 20 km/hr
B. 25 km/hr
C. 24 km/hr
D. 28 km/hr
68. The average marks of a student in four subjects is 75. If the student obtained 80 marks in the 5th subject then the new average is:
A. 80
B. 76
C. 92
D. 95
69. The sum of the ages of a son and father is 56 years. After 4 years, the age of the father will be three times that of the son. What is the age of the son?
A. 12 years
B. 10 years
C. 15 years
D. 14 years
70. A boy buys a toy for ₹ 25 and sells it for ₹ 30. Find his gain per cent.
A. 15%
B. 25%
C. 20%
D. 10%
71. Raju, Rinku and Ram can do a work in 6, 12 and 24 days respectively. In what time will they altogether do it?
A. $3\frac{3}{7}$ days
B. $2\frac{3}{7}$ days
C. $4\frac{3}{7}$ days
D. $5\frac{3}{7}$ days
72. 8 men can do a work in 36 days. How many days 24 men complete the same work?
A. 16 days
B. 15 days
C. 14 days
D. 12 days
73. Which of the following is not a prime number:
A. 79
B. 83
C. 87
D. 97
74. The pie chart given below shows the sales of 7 different companies. The total sales of all these 7 companies are 1440. The sale of a particular company is shown in terms of degree with respect to the total sales of all these 7 companies.



What is the ratio of average sale of A and B to the average sale of D and E?

- A. 59 : 177
- B. 63 : 188
- C. 51 : 186
- D. 169 : 49

75. Study the following table and answer. In which year did the company spent maximum on fuel and transport?

Year	Item of Expenditure				
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
2001	288	198	3	23.4	83
2002	342	112	2.52	32.5	108
2003	324	91	3.84	41.6	74
2004	336	98	3.68	36.4	88
2005	420	142	3.96	49.4	98

- A. 2002
- B. 2001
- C. 2003
- D. 2004

GENERAL ENGLISH

76. The correctly punctuated sentence is:

- A. He asked me, "whether I had done my work".
- B. He asked me, "whether I had done my work"?
- C. He asked me whether I had done my work?
- D. He asked me whether I had done my work.

77. Which of the following will be the correct indirect speech if the statement given below is changed into it?

He said, "I shall leave these papers here."

- A. He said that he would leave those papers there.
- B. He said that he should leave those papers there.
- C. He said that he would leave these papers there.
- D. He said that he would leave those papers here.

78. The correct passive form of the following sentence is:

They asked me my name.

- A. My name was asked me by them.
- B. I was asked my name.
- C. Me was asked my name by them.
- D. My name was asked from them.

79. The correct meaning of the word 'calamity' is:

- A. disaster
- B. scourge
- C. harm
- D. injury

80. 'Red Letter Day' means:

- A. a dangerous day
- B. a rosy day
- C. an important day
- D. a bloody day

81. The correct antonym of the word 'assets' is:

- A. liabilities
- B. estate
- C. responsibilities
- D. hindrances

82. The plural form of 'alumnus' is:

- A. alumnuses
- B. alumna
- C. alumnae
- D. alumni

83. 'Alma Mater' is the place where one:
 A. studied
 B. married
 C. died
 D. was born
84. Identify the part which contains an error in the following sentence.
Ten miles are not a long distance.
 A. ten miles
 B. are not
 C. a long distance
 D. no error
85. Choose the correct order to make the sentence below meaningful.
 (1) History of India/(2) than/(3) was there a/(4) Mahatma Gandhi/(5) never in the/(6) greater man.
 A. 124356
 B. 634521
 C. 513126
 D. 513624
86. Fill in the blank with a suitable Phrase Preposition.
 He accepted the car his claim for ₹ 3,25,000.
 A. on account of
 B. by dint of
 C. in lieu of
 D. because of
87. The suitable prefix for the word "bitter" is:
 A. im B. in
 C. un D. em
88. Fill in the blank with a suitable Conjunction.
 He is slow, he is sure.
 A. and B. for
 C. but D. or
89. Complete the following maxim.
 Genius without education is like silver in the
 A. shop B. mine
 C. Well D. pit
90. Select the word that is opposite in meaning to the underlined word.
 My first lecture in the classroom was a fiasco.
 A. success B. joy
 C. fun D. disaster
91. The right suffix for the word 'just' to make it an abstract noun is:
 A. - ly B. - ify
 C. - ice D. - ing
92. Select the word that is similar in meaning to the underlined word.
 The requisite energy is derived from the battery.
 A. insignificant
 B. necessary
 C. different
 D. special
93. Select the word that is similar in meaning to the underlined word.
 His candid opinion has won him many friends.
 A. kind
 B. courteous
 C. generous
 D. frank
94. Select the word that is opposite in meaning to the underlined word.
 Everyone agreed that it was a piece of meticulous research.
 A. careless B. careful
 C. cautious D. scrupulous
95. The word 'avert' means:
 A. avoid
 B. fall
 C. hatred
 D. degenerate
96. The adjective form of 'boast' is:
 A. boastful
 B. boastly
 C. boasty
 D. boastile

Direction: Read the following passage and answer the questions that follow.

Vehicles do not move about the roads for mysterious reasons of their own. They move only because people want them to move in connection with the activities which the people are engaged in. Traffic is therefore a 'function of activities', and because, in towns, activities mainly take place in buildings, traffic in towns is a 'function of buildings'. The implications of this line of reasoning are inescapable.

97. Line 1 of the passage means that the vehicles move on the roads:
 A. for reasons difficult to explain.
 B. to serve specific purposes of people.
 C. in a haphazard fashion.
 D. in ways beyond our control.
98. The author says that traffic is a 'function of activities'. He means that:
 A. human activities are taking place.
 B. human activities are dependent on traffic.
 C. traffic is not dependent on human activities.
 D. traffic is connected with human activities.
99. The author suggests by his argument that:
 A. to regulate traffic, more policemen have to be employed.
 B. to regulate activities, traffic has to be controlled.
 C. to regulate traffic, buildings have to be taken into consideration.
 D. to understand the traffic problem, we must examine the social context in which it is found.
100. By 'this line of reasoning', the author means:
 A. idea contained in this line.
 B. idea contained in any one line of his argument.
 C. the manner of arguing.
 D. this row of printed characters.

GENERAL AWARENESS

101. Which of the following awards is given for excellence in the field of sports?
 A. Kalinga Award
 B. Golden Pen Award
 C. Jnanpith Award
 D. Arjuna Award
102. The best example of the extinction of species due to man's intervention is:
 A. Kiwi B. Dodo
 C. Przewalski's horse D. Bustard
103. Which of the following utilises sunlight in a direct fashion?
 A. Photo voltaic cell
 B. Solar thermal cells
 C. Bio gas production
 D. Both A & B
104. IPv6 addresses have a size of:
 A. 64 bits B. 128 bits
 C. 256 bits D. 512 bits
105. The Constitution of India recognizes:
 A. Only religious minorities
 B. Only linguistic minorities
 C. Religious and Linguistic minorities
 D. Religious, Linguistic & Ethnic minorities
106. During which of the following Mughal Emperor's rule, number of Hindus employees by Emperor's Administration was the highest?
 A. Humayun B. Akbar
 C. Shahjahan D. Aurangzeb
107. The Mansabdari system introduced by Akbar was borrowed from the system followed in:
 A. Afghanistan B. Turkiye
 C. Mongolia D. Persia
108. Who among the following is said to have witnessed the reigns of eight Delhi Sultans?
 A. Ziauddin Barani B. Shams-i-Siraj Afif
 C. Minhaj-us-Siraj D. Amir Khusrau

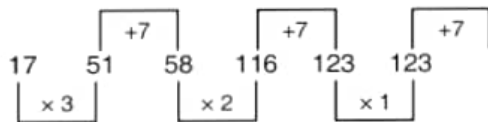
109. Bhakra Nangal Dam is built on which river?
 A. Sutlej B. Ravi
 C. Chenab D. Godavari
110. Right to privacy as a Fundamental Right is implied in:
 A. Right to Freedom
 B. Right to Life & Personal Liberty
 C. Right to Equality
 D. Right against Exploitation
111. The interval between two sessions of parliament must not exceed:
 A. 3 months B. 6 months
 C. 4 months D. 100 days
112. With reference to inflation in India, which of the following statements is correct?
 A. Controlling the inflation in India is the responsibility of the Government of India only
 B. The Reserve Bank of India has no role in controlling the inflation
 C. Decreased money circulation helps in controlling the inflation
 D. Increased money circulation helps in controlling the inflation
113. A country is said to be in a debt trap if:
 A. It has to abide by the conditionalities imposed by the International Monetary Fund
 B. It has to borrow to make interest payments on outstanding loans
 C. It has been refused loans or aid by creditors abroad
 D. The World Bank charges a very high rate of interest on outstanding & new loans
114. *Curcuma longa* is the scientific name of which spice?
 A. Cumin B. Cloves
 C. Turmeric D. Coriander
115. Europeans are believed to have brought potatoes to India in the 18th century. Which region of the world is believed to be the origin of potato cultivation?
 A. Eastern Ghana B. Southern Peru
 C. Portugal D. West Indies
116. Oymyakon is generally considered the coldest inhabited area on Earth. Which country Oymyakon is located in?
 A. Mongolia B. Russia
 C. Greenland D. Iceland
117. Which gland in the human body is also known as the "third eye"?
 A. Pineal B. Pituitary
 C. Mammary D. Tear gland
118. Leukaemia is a group of cancers that usually begins in the bone marrow and results in high numbers of which abnormal cells?
 A. White blood cells B. Red blood cells
 C. Platelets D. All of these
119. Universal Gas Constant, R , is a property of
 A. Ideal Gases
 B. Halogen Gases
 C. Inert Gases
 D. All Gases
120. In which place was the 1st Science Congress held in January, 1914?
 A. Kolkata B. Prayagraj
 C. Chennai D. Pune
121. The class of elementary particles, *bosons*, was named after Satyendra Nath Bose, an Indian Physicist. Which of the following Indian Scientists graduated from Presidency College Calcutta as a classmate of Satyendra Nath Bose?
 A. Jagdish Chandra Bose
 B. P.C. Mahalanobis
 C. Praful Chandra Ray
 D. Meghnad Saha
122. To which place *Aryabhata*, the great mathematician, went for advanced studies?
 A. Takshashila B. Patliputra
 C. Kashi D. Kaushambi
123. Homi Jahangir Bhabha, the father of Indian nuclear programme, was also the founding director of which of the following institutes?

- A. Tata Institute of Fundamental Research
B. Indian Institute of Science
C. Indian Institute of Technology, Mumbai
D. Saha Institute of Nuclear Physics, Kolkata
- 124.** Who headed the Satellite Launch Vehicle (SLV) project launched by ISRO in 1970?
A. Dr. Vikram Sarabhai
B. Dr. K. Radhakrishnan
C. Dr. A.P.J. Abdul Kalam
D. Dr. G. Madhavan Nair
- 125.** Where was Bhaskara, also known as Bhaskaracharya or Bhaskara II, an Indian mathematician & astronomer, was born?
A. Kanchipuram B. Thanjavur
C. Bijapur D. Madurai
- 126.** The words 'Satyameva Jayate' are taken from:
A. Hitopadesh
B. Mahabharata
C. Rig Veda
D. Mundaka Upanishada
- 127.** The wheel on the middle strip of the National Flag has:
A. 24 spokes B. 20 spokes
C. 48 spokes D. 18 spokes
- 128.** The first Nuclear test was under-taken in India in the year:
A. 1975 B. 1974
C. 1973 D. 1977
- 129.** Which State is known by the name of 'Mountain State'?
A. Arunachal Pradesh
B. Himachal Pradesh
C. Sikkim
D. Punjab
- 130.** The smallest state (in area) of the Indian Union is:
A. Kerala B. Tripura
C. Punjab D. Goa
- 131.** The earliest of the holy books of the Hindus is:
A. The Gita
B. The Ramayana
C. The Mahabharata
D. The Vedas
- 132.** Sanchi in Madhya Pradesh is famous for:
A. rock-cut temples
B. cave paintings
C. stupas
D. Ashoka's rock edicts
- 133.** 'Jatakas' are the sacred books of the:
A. Vaishnavas B. Jains
C. Buddhists D. Shaivas
- 134.** The 1st woman president of United Nations General Assembly was:
A. Margaret Thatcher
B. Vijaya Laxmi Pandit
C. Eleanor Roosevelt
D. Sirimavo Bhandaranaike
- 135.** Out of a total strength of 15, the number of permanent members of the UN security council is:
A. Four B. Ten
C. Eleven D. Five
- 136.** The noted work of Surdas is:
A. Krishna Charit
B. Sursagar
C. Sukhsagar
D. Bhagwad Gita
- 137.** 'Panchatantra' was written by:
A. Vishnu Sharma
B. Ved Vyas
C. Valmiki
D. Tenali Ram
- 138.** Fuehrer is the nickname of:
A. Mussolini B. Rommel
C. Napoleon D. Hitler
- 139.** Egg is a rich source of:
A. Vitamin C B. Fats
C. Hormones D. Protein
- 140.** Penicillin is discovered by:
A. Karl Landsteimer
B. Alexander Fleming
C. Paul Muller
D. W. Murdock

- 141.** Kuchipudi dance originated from:
 A. Punjab
 B. Rajasthan
 C. Andhra Pradesh
 D. Karnataka
- 142.** India's anti-tank missile is:
 A. Agni
 B. Prithvi
 C. Akash
 D. Nag
- 143.** The largest fresh water lake in India is:
 A. Dal Lake
 B. Wular Lake
 C. Pushkar Lake
 D. Bhatkal Lake
- 144.** 14th November is celebrated in India as:
 A. Health Day
 B. Women's Day
 C. Children's Day
 D. Indira Gandhi's Birthday
- 145.** Which Commission replaced the Planning Commission in 2015?
 A. NITI Aayog
 B. NIYAM Aayog
 C. NAGRIK Aayog
 D. Jan Aayog
- 146.** The Indian Military Academy is situated in:
 A. Pune
 B. Dehradun
 C. Patna
 D. Jabalpur
- 147.** Which state was formerly known as Mysore?
 A. Karnataka
 B. Tamil Nadu
 C. Maharashtra
 D. Madhya Pradesh
- 148.** Who is winner of Nobel Peace Prize-2024?
 A. Jon Fosse
 B. Claudia Galdin
 C. Katalin Kariko
 D. Nihon Hidankyo
- 149.** The State in India with the largest coastline is:
 A. Tamil Nadu
 B. Gujarat
 C. Andhra Pradesh
 D. Maharashtra
- 150.** Which country is the winner of ICC men's T20 World Cup 2024?
 A. India
 B. Australia
 C. Sri Lanka
 D. South Africa

ANSWERS

1. (C):



Here, ? = Missing number
 $= 123 + 7 = 130.$

2. (C)

3. (C):

?	8	11
7	6	5
48	63	72

From 3rd column

$$72 - 11 \times 5 = 72 - 55 = 17$$

From 2nd column

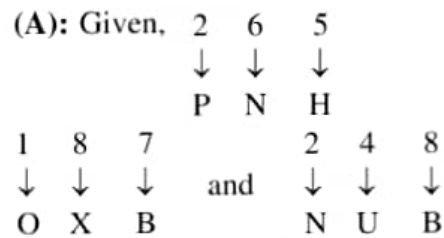
$$63 - 8 \times 6 = 63 - 48 = 15$$

Similarly, the 1st column should be

$$48 - x \times 7 = 13$$

$$\begin{aligned}
 \Rightarrow 7x &= 48 - 13 = 35 \\
 \Rightarrow x &= 5 \\
 \text{Hence, } ? &= x = 5.
 \end{aligned}$$

4. (A): Given,



Here, U represents the number 4.

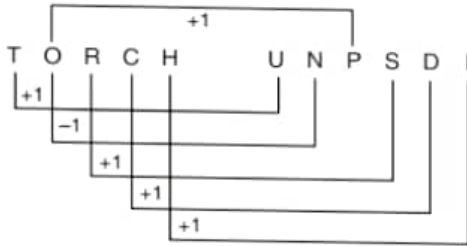
5. (B)

6. (C):

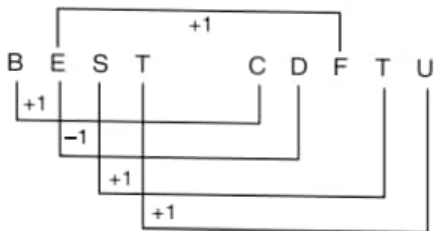


Here, ? = letter-cluster
 $= LR + 1$
 $= MS [MS + 1 = NT]$

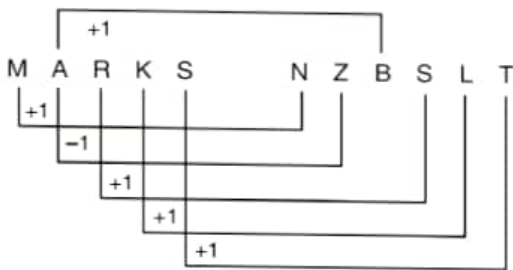
7. (D):



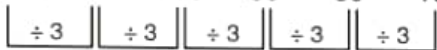
and



Similarly,



8. (C): 2430 ? 270 90 30 10

Here, $2430 \div 3 = 810$ and $810 \div 3 = 270$ $\therefore ? = \text{Missing number} = 810$ 9. (A): $25 - 5 \times 50 \div 10 + 35 = 155$ (A) $\times$ and $-$ $\therefore 25 \times 5 - 50 \div 10 + 35$

$$= 25 \times 5 - 5 + 35$$

$$= 125 - 5 + 35$$

$$= 160 - 5 = 155$$

(B) $\times$ and $+$

$$25 - 5 + 50 \div 10 \times 35$$

$$= 25 - 5 + 5 \times 35$$

$$= 25 - 5 + 175$$

$$= 200 - 5 = 195$$

(C) $+$ and $-$

$$25 + 5 \times 50 \div 10 - 35$$

$$= 25 + 5 \times 5 - 35$$

$$= 25 + 25 - 35$$

$$= 50 - 35 = 15$$

(D) $\times$ and $\div$

$$25 - 5 \div 50 \times 10 + 35$$

$$= 25 - \frac{1}{10} \times 10 + 35$$

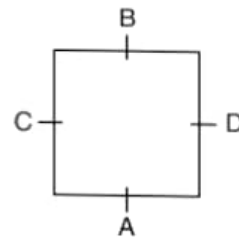
$$= 25 - 1 + 35 = 60 - 1 = 59.$$

10. (B)

11. (C)

12. (B)

13. (D): Four friends are playing carrom and sitting on the four sides of the carrom board.



Here, A is sitting to the left of C.

14. (D): Applications $\rightarrow$ Scrutiny $\rightarrow$ Interview $\rightarrow$ Job offer $\rightarrow$ Joining15. (A): Period from 17 October 2000 to 18 October 2006 = 17 October 2000-2001 + 17 October 2001-2002 + 17 October 2002-2003 + 17 October 2003-2004 + 17 October 2004-2005 + 17 October 2005-2006 + 18 October 2006
 $\therefore$ Total number of odd day

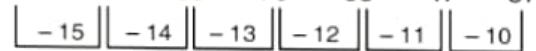
$$= 1 + 1 + 1 + 2 + 1 + 1 + 1 = 8$$

$$= 7 + 1 \text{ (odd day)}$$

 $\therefore$ 18 October 2006 was Wednesday. $\therefore$ 17 October 2000 will be 1 day before Wednesday = Tuesday.

16. (A)

17. (C): 112 ? 83 70 58 47 37



$$\text{Here, } 112 - 15 = 97$$

$$97 - 14 = 83$$

$$83 - 13 = 70$$

$$70 - 12 = 58$$

$$58 - 11 = 47$$

$$\text{and } 47 - 10 = 37$$

Hence, ? = Missing number = 97.

18. (D):

54	40	56
68	57	44
47	39	?

Here, from 1st row,

$$54 - 40 = 14 \text{ and } 14 \times 4 = 56$$

From 2nd row,

$$68 - 57 = 11 \text{ and } 11 \times 4 = 44$$

From 3rd row,

$$47 - 39 = 8 \text{ and } 8 \times 4 = 32$$

Hence, ? = Missing number = 32.

19. (A): One day,

The number of boys students

$$\begin{aligned} &= 90 \times \frac{2}{2+1} \\ &= 90 \times \frac{2}{3} = 30 \times 2 = 60 \end{aligned}$$

and the number of girls students

$$= 90 - 60 = 30$$

The next day,

The number of boys students

$$\begin{aligned} &= 90 \times \frac{3}{3+2} \\ &= 90 \times \frac{3}{5} = 18 \times 3 = 54 \end{aligned}$$

and the number of girls students

$$= 90 - 54 = 36$$

Hence, the difference between the number of boys travelling in the bus on both the days

$$= 60 - 54 = 6.$$

20. (A): In a code language

Given,

'you are there' → 'ter der jer' (i)

'we stay here' → 'yer mer ner' (ii)

'we are late' → 'ser ner der' (iii)

'I stay there' → 'yer fer jer' (iv)

From (i) and (iii)

are → der

From (i) and (iv)

there → jer ∴ you → ter

From (ii) and (iii)

we → ner

From (ii) and (iv)

stay → yer ∴ I → fer

we → ner, are → der

∴ late → ser

Therefore, 'you stay late' is written as 'ter yer ser'.

21. (C): (A) $\begin{array}{ccccc} C & F & I & L & O \\ | & | & | & | & | \\ +3 & +3 & +3 & +3 & \end{array}$

(B) $\begin{array}{ccccc} U & X & A & D & G \\ | & | & | & | & | \\ +3 & +3 & +3 & +3 & \end{array}$

(C) $\begin{array}{ccccc} O & M & S & V & Y \\ | & | & | & | & | \\ -2 & +6 & +3 & +3 & \end{array}$

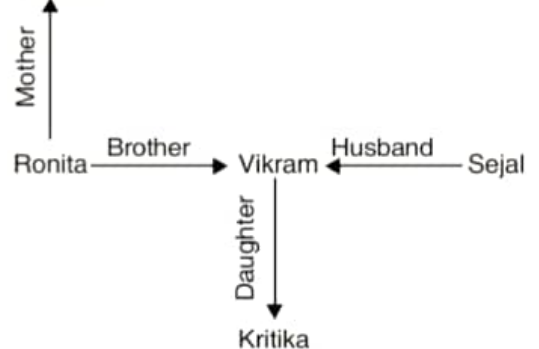
(D) $\begin{array}{ccccc} O & R & U & X & A \\ | & | & | & | & | \\ +3 & +3 & +3 & +3 & \end{array}$

22. (C): ABSORPTION : ROSBANOITP

Similarly, VISUALIZER : AUSIV REZIL

Here, the word is divided into two sections containing five letters each and then the sections are written backwards.

23. (D): Chandni



Here, Chandni related to Kritika as paternal grandmother.

24. (A): In a code language

'DENT' is written as '51'

$$DENT = 4 + 5 + 14 + 20 = 43$$

$$\text{and } 43 + 8 = 51$$

and 'LOAD' is written as '40'

$$LOAD = 12 + 15 + 1 + 4 = 32$$

$$\text{and } 32 + 8 = 40$$

$$\text{Similarly, COST} = 3 + 15 + 19 + 20 = 57$$

$$\text{and } 57 + 8 = 65$$

Hence, 'COST' is written as '65'.

25. (A)

26. (C): Given, pattern

28	58	118
21	44	90
47	96	?

From 1st row,

$$58 - 28 = 30$$

$$\text{and } 60 + 58 = 118$$

From 2nd row,

$$44 - 21 = 23$$

$$\text{and } 23 \times 2 + 44 = 46 + 44 = 90$$

From 3rd row,

$$96 - 47 = 49$$

$$\text{and } 49 \times 2 + 96 = 98 + 96 = 194$$

Hence, ? = Missing number = 194.

27. (D)

28. (A): $31 \times 2 \times 60 \div 30 \times 15 \div 49$

(A) $\times, +, \div, -, =$

$$\therefore 31 \times 2 + 60 \div 30 - 15 = 49$$

$$\Rightarrow 31 \times 2 + 2 - 15 = 49$$

$$\Rightarrow 62 + 2 - 15 = 49$$

$$\Rightarrow 64 - 15 = 49$$

$$\Rightarrow 49 = 49$$

(B) $-, \div, +, \times, =$

$$\therefore 31 - 2 \div 60 + 30 \times 15 = 49$$

$$\Rightarrow 31 - \frac{1}{30} + 30 \times 15 = 49$$

$$\Rightarrow 31 - \frac{1}{30} + 450 = 49$$

$$\Rightarrow 481 - \frac{1}{30} = 49$$

(C) $\times, \div, +, -, =$

$$\therefore 31 \times 2 \div 60 + 30 - 15 = 49$$

$$\Rightarrow 31 \times \frac{1}{60} + 30 - 15 = 49$$

$$\Rightarrow \frac{31}{60} + 15 = 49$$

(D) $\times, -, +, \div, =$

$$\therefore 31 \times 2 - 60 + 30 \div 15 = 49$$

$$\Rightarrow 31 \times 2 - 60 + 2 = 49$$

$$\Rightarrow 62 - 60 + 2 = 49$$

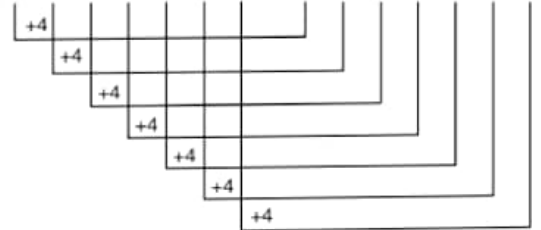
$$\Rightarrow 64 - 60 = 49$$

$$\Rightarrow 4 = 49$$

29. (A)

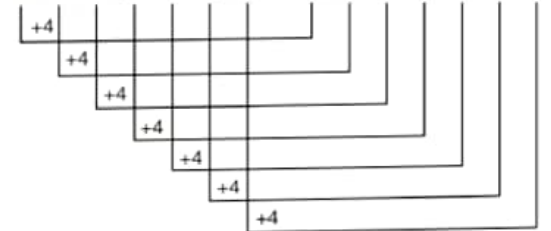
30. (C)

31. (B): P L A C A R D T P E Y E V H



Similarly,

M O N S T E R Q S R O X I V



32. (A):



Here, Missing letter-cluster = ZQV.

33. (B): Given pattern

14	16	60
11	17	?
15	18	99

from 1st row

$$(14 + 16) \times 2 = 30 \times 2 = 60$$

from 2nd row

$$(11 + 17) \times 6 = 28 \times 6 = 168$$

from 3rd row

$$(15 + 18) \times 3 = 33 \times 3 = 99$$

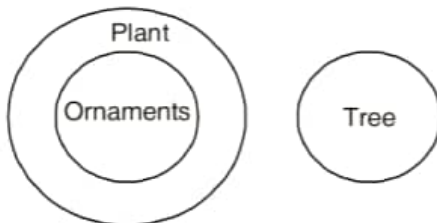
34. (C): Given, $A = +$, $B = \times$,
 $C = -$, $D = \div$

$$\begin{aligned} & 35 \text{ B } 2 \text{ A } 5 \text{ B } (40 \text{ C } 37) \text{ A } (8 \text{ B } 4) \text{ D } 16 \text{ C } 14 \\ &= 35 \times 2 + 5 \times (40 - 37) + (8 \times 4) \div 16 - 14 \\ &= 35 \times 2 + 5 \times 3 + 32 \div 16 - 14 \\ &= 35 \times 2 + 5 \times 3 + 2 - 14 \\ &= 70 + 15 + 2 - 14 \\ &= 87 - 14 \\ &= 73 \end{aligned}$$

35. (A): Statements:

No plant is a tree.

All ornaments are plants.



Conclusions :

I. No ornaments is a tree.

II. Some plants are ornaments.

Hence, both the conclusions follow.

36. (B): According to an English dictionary:

Flexible $\rightarrow$ Floater $\rightarrow$ Flood $\rightarrow$ Flooring $\rightarrow$ Flower

37. (B): (A) $\begin{array}{ccccc} B & Y & H & E \\ & +6 & & \\ & & +6 & \end{array}$ (B) $\begin{array}{ccccc} H & S & N & Z \\ & +6 & & \\ & & +7 & \end{array}$
 (C) $\begin{array}{ccccc} D & W & J & C \\ & +6 & & \\ & & +6 & \end{array}$ (D) $\begin{array}{ccccc} U & F & A & L \\ & +6 & & \\ & & +6 & \end{array}$

Here, (B) HSNZ is different.

38. (A): $\begin{array}{ccccc} 82 & ? & 119 & 142 & 168 & 197 \\ & +17 & +20 & +23 & +26 & +29 \end{array}$

The difference between the numbers in the series increases by 3 at each step.

Here, $82 + 17 = 99$

and $99 + 20 = 119$

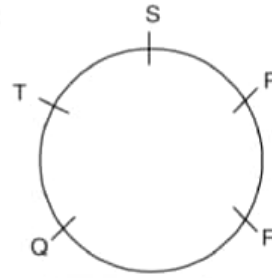
Therefore, ? = Missing number = 99.

39. (C)

40. (D)

41. (C)

42. (C):

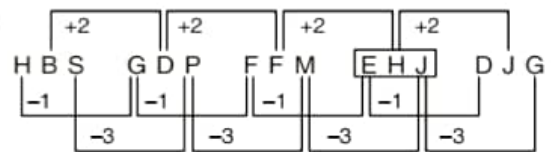


Here, P is sitting at the second place to the left of T.

43. (D)

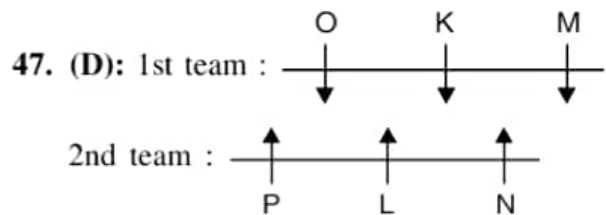
44. (D)

45. (A):



? = Missing letter-cluster = EHJ

46. (D)



Here, P, L and N are member of the same team.

48. (D)

49. (B)

50. (B): $16 : 224$

$$\Rightarrow 16 \times (16 - 2) = 16 \times 14 = 224$$

$$\begin{aligned} \text{(A) } 20 : 400 & \Rightarrow 20 \times 20 = 400 \\ & \text{and } 20 \times 18 = 360 \end{aligned}$$

$$\text{(B) } 22 : 440 \Rightarrow 22 \times 20 = 440$$

$$\text{(C) } 25 : 650 \Rightarrow 25 \times 26 = 650$$

$$\text{(D) } 17 : 289 \Rightarrow 17 \times 17 = 289$$

$$\text{and } 17 \times 15 = 255$$

51. (B): LCM of 72, 90 and 162

2	72, 90, 162
3	36, 45, 81
3	12, 15, 27
	4, 5, 9

$$\begin{aligned} \text{LCM} &= 2 \times 3 \times 3 \times 4 \times 5 \times 9 \\ &= 81 \times 40 = 3240. \end{aligned}$$

52. (D): $(16 \div 4) \div 4 = 4 \div 4 = 1.$

53. (D): $\left(1 + \frac{1}{4}\right)\left(1 - \frac{1}{4}\right)\left(1 + \frac{1}{5}\right)\left(1 - \frac{1}{5}\right)$
 $\left(1 + \frac{1}{6}\right)\left(1 - \frac{1}{6}\right)$
 $= \frac{5}{4} \times \frac{3}{4} \times \frac{6}{5} \times \frac{4}{5} \times \frac{7}{6} \times \frac{5}{6}$
 $= \frac{3}{6} \times \frac{7}{4} = \frac{1}{2} \times \frac{7}{4} = \frac{7}{8}.$

54. (B): $\sqrt{17 + \sqrt{51 + \sqrt{152 + \sqrt{289}}}}$
 $= \sqrt{17 + \sqrt{51 + \sqrt{152 + 17}}}$
 $= \sqrt{17 + \sqrt{51 + \sqrt{169}}}$
 $= \sqrt{17 + \sqrt{51 + 13}}$
 $= \sqrt{17 + \sqrt{64}}$
 $= \sqrt{17 + 8} = \sqrt{25} = 5.$

55. (A): Sum of last two numbers
 $= 555 - (75 \times 2 + 115)$
 $= 555 - (150 + 115)$
 $= 555 - 265 = 290.$

$\therefore$ Average of last two numbers

$$= \frac{290}{2} = 145$$

Hence average of last two numbers = 145.

56. (A): $P = \frac{SI \times 100}{\text{time} \times \text{rate}} = \frac{810 \times 100}{6 \times 9}$
 $= 1500$

Hence Principal = ₹ 1500.

57. (A): $SI = \frac{P \times r \times t}{100} = \frac{4200 \times 10 \times 5}{100}$
 $= ₹ 2100$
Amount = P + SI
 $= 4200 + 2100$
 $= ₹ 6300$

₹ 5000 + cost of the cow = 6300

$\therefore$ Cost of the cow = 6300 - 5000
 $= ₹ 1300.$

58. (A): CP = ₹ 250, SP = ₹ 300
Profit = SP - CP = 300 - 250
 $= ₹ 50$

Profit % = $\frac{\text{Profit}}{\text{CP}} \times 100$
 $= \frac{50}{250} \times 100 = 20\%.$

59. (C): SP = ₹ 444,
gain = 20%

$\therefore$ CP = $\frac{100}{100 + \text{gain}\%} \times \text{SP}$
 $= \frac{100}{100 + 20} \times 444$
 $= \frac{100 \times 444}{120}$
 $= 5 \times 74 = 370$

$\therefore$ Cost price of this article = ₹ 370.

60. (B): Marked price of article = ₹ 150
Discount = 10% of ₹ 150

$$= \frac{10}{100} \times 150 = ₹ 15$$

$$\text{SP} = 150 - 15 = ₹ 135$$

$$100 + 25 = ₹ 125$$

when SP ₹ 125 then CP ₹ 100

when SP ₹ 135 then CP

$$= \frac{100}{125} \times 135$$

$$= \frac{4}{5} \times 135$$

$$= 4 \times 27 = 108$$

Hence cost price of the article
 $= ₹ 108.$

61. (C): $\therefore$ 18 boys can do a piece of work in 24 days

$\therefore$ 1 boy can do this work in 18×24 days

$\therefore$ 16 boys can do this work in $\frac{18 \times 24}{16}$ days
 $= 27$ days.

62. (C): A can do a work in 6 days

A's one day work = $\frac{1}{6}$

B can do same work in 9 days

B's one day work = $\frac{1}{9}$

(A + B)'s one day work = $\frac{1}{6} + \frac{1}{9}$

$$= \frac{6+4}{36} = \frac{10}{36} = \frac{5}{18}$$

Hence A and B both together can do this work

in $\frac{18}{5} = 3\frac{3}{5}$ days = 3.6 days.

63. (C): Speed = 72 km/hr

$$= \frac{72 \times 1000}{60 \times 60} \text{ m/s}$$

$$= 72 \times \frac{5}{18} \text{ m/s}$$

$$= 4 \times 5 = 20 \text{ m/s}$$

Distance = 200 m

$$\text{Time} = \frac{\text{Distance}}{\text{Speed}} = \frac{200}{20}$$

$$= 10 \text{ seconds.}$$

64. (B): Let sides are in the x ratio

$$\therefore 3x + 4x + 5x = 4$$

$$12x = 24$$

$$\Rightarrow x = 2$$

Sides are 6 m, 8 m and 10 m

$$\therefore 6^2 + 8^2 = 36 + 64 = 100$$

$$(10)^2 = 100$$

Hence it is right angle triangle.

Area of triangle

$$= \frac{1}{2} \times \text{base} \times \text{height}$$

$$= \frac{1}{2} \times 6 \times 8 = 24 \text{ m}^2.$$

65. (A): Area of right triangle

$$= \frac{1}{2} \times \text{base} \times \text{height}$$

$$= \frac{1}{2} \times 8 \times 10 = 40 \text{ cm}^2.$$

66. (D): Perimeter of square = 24 m

$$\text{Side of square} = \frac{24}{4} = 6 \text{ m}$$

$$\text{Area of this square} = 6 \times 6 = 36 \text{ m}^2$$

$$\text{Again perimeter of square} = 32 \text{ m}$$

$$\text{Side of this square} = \frac{32}{4} = 8 \text{ m}$$

$$\text{Area of this square} = 8 \times 8 = 64 \text{ m}^2$$

Area of third square = Sum of the area of these two square

$$= 36 + 64 = 100 \text{ m}^2$$

$$\therefore \text{Side of third square} = 10 \text{ m}$$

$$\text{Perimeter of third square} = 10 \times 4 = 40 \text{ m.}$$

67. (C): Average speed = $\frac{2xy}{x+y}$

$$= \frac{2 \times 20 \times 30}{20 + 30}$$

$$= \frac{2 \times 20 \times 30}{50}$$

$$= 24 \text{ km/hr.}$$

68. (B): Total marks of 4 subjects

$$= 4 \times 75 = 300$$

Total marks of 5 subjects

$$= 300 + 80 = 380$$

$$\text{New average} = \frac{380}{5} = 76.$$

69. (A): Let son's age = x years

Father's age = $56 - x$ years

After 4 years son's age

$$= (x + 4) \text{ years}$$

Father's age = $56 - x + 4$

$$= (60 - x) \text{ years}$$

According to the question,

$$60 - x = 3(x + 4)$$

$$60 - x = 3x + 12$$

$$\Rightarrow 60 - 12 = 3x + x$$

$$\Rightarrow 4x = 48$$

$$\Rightarrow x = 12$$

Hence son's age = 12 years.

70. (C): CP of toy = ₹ 25

SP of toy = ₹ 30

Profit = SP - CP

$$= 30 - 25 = ₹ 5$$

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

$$= \frac{5}{25} \times 100 = 20\%$$

71. (A): (Raju + Rinku + Ram)'s one day work

$$= \frac{1}{6} + \frac{1}{12} + \frac{1}{24}$$

$$= \frac{4+2+1}{24} = \frac{7}{24}$$

Hence they will altogether do this work in $\frac{24}{7}$

$$\text{days} = 3\frac{3}{7} \text{ days.}$$

72. (D): 8 men can do a work in 36 days

1 man can do the same work in 8×36 days.

24 men can do the same work in

$$\frac{8 \times 36}{24} = 12 \text{ days.}$$

73. (C): 87 is not a prime number because it is divided by 3 and 29.

74. (B): Average of A and B

$$= \frac{63}{360} \times \frac{1440}{2} = \frac{63 \times 4}{2} = \frac{252}{2} = 126$$

Average of D and E

$$= \frac{188}{360} \times \frac{1440}{2} = \frac{188 \times 4}{2} = 188 \times 2 = 376$$

$$\text{Required ratio} = \frac{126}{376} = \frac{63}{188} = 63 : 188.$$

75. (B)

76. (D)

77. (A)

78. (B)

79. (A)

80. (C)

81. (A)

82. (D)

83. (A)

84. (B)

85. (D)

86. (C)

87. (D)

88. (C)

89. (B)

90. (A)

91. (C)

92. (B)

93. (D)

94. (A)

95. (A)

96. (A)

97. (B)

98. (D)

99. (D)

100. (C)

101. (D)

102. (B)

103. (D)

104. (B)

105. (C)

106. (D)

107. (C)

108. (D)

109. (A)

110. (B)

111. (B)

112. (C)

113. (B)

114. (C)

115. (B)

116. (B)

117. (A)

118. (A)

119. (A)

120. (A)

121. (D)

122. (B)

123. (A)

124. (C)

125. (C)

126. (D)

127. (A)

128. (B)

129. (C)

130. (D)

131. (D)

132. (C)

133. (C)

134. (B)

135. (D)

136. (B)

137. (A)

138. (D)

139. (D)

140. (B)

141. (C)

142. (D)

143. (B)

144. (C)

145. (A)

146. (B)

147. (A)

148. (D)

149. (B)

150. (A)

GENERAL INTELLIGENCE & REASONING

1

Similarities and Differences

WORD ANALOGY

In Analogy Tests, the relationship between two given words is established and then applied to the other words. The type of relationship may vary, so while attempting such questions the first step is to identify the type of relationship, which can be any one of the following.

MULTIPLE CHOICE QUESTIONS

Directions : In the questions given below one term is missing. Based on the relationship of the two given words find the missing term from the given options.

1. HUNGER : FOOD : : THIRST : ?
(a) Water (b) Drink
(c) Tea (d) Coffee
2. HUNTER : GUN : : WRITER : ?
(a) Book (b) Pen
(c) Poem (d) Page
3. WOOL : SHEEP : : SILK : ?
(a) Saree (b) String
(c) Silkworm (d) Moth
4. FOOD : STOMACH : : FUEL : ?
(a) Engine (b) Automobile
(c) Rail (d) Aeroplane
5. WATER : SAND : : OCEAN : ?
(a) Island (b) River
(c) Desert (d) Waves
6. ADULT : BABY : : FLOWER : ?
(a) Seed (b) Bud
(c) Fruit (d) Butterfly
7. WRITER : READER : : PRODUCER : ?
(a) Creator (b) Contractor
(c) Creature (d) Consumer
8. ENTRANCE : EXIT : : LOYALTY : ?
(a) Treachery (b) Patriotism
(c) Fidelity (d) Reward
9. MOTHER : MATERNAL : : FATHER : ?
(a) Eternal (b) Detrimental
(c) Paternal (d) Formidable
10. PEARL : NECKLACE : : FLOWER : ?
(a) Plant (b) Garden
(c) Petal (d) Bouquet
11. ALPHABET : WORD : : WORD : ?
(a) Sound (b) Music
(c) Sentence (d) Dictionary