






# SECTION I : MENTAL ABILITY TEST


























## PART-I

**Directions (Q. 1-5) :** Four figures (A), (B), (C) and (D) have been given in each question. Of these four figures, three figures are similar in some way and one figure is different. Select the figure which is different and write your answer only in English letters (i.e. A, B, C and D) in the given box.

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

## PART-II






**Directions (Q. 6-10) :** A problem figure is given on the left-hand side and four answer figures marked (A), (B), (C) and (D) are given on the right-hand side. Select the answer figure which is exactly the same as the problem figure and write your answer only in English letters (i.e. A, B, C and D) in the given box.

- | Problem Figure  | Answer Figures   | Problem Figure  | Answer Figures   |
|---|--|---|--|
| 6.   |  (A)<br> (B)<br> (C)<br> (D)     | 9.   |  (A)<br> (B)<br> (C)<br> (D) |
| 7.   |  (A)<br> (B)<br> (C)<br> (D)     | 10.  |  (A)<br> (B)<br> (C)<br> (D) |
| 8.  |  (A)<br> (B)<br> (C)<br> (D) |   |  |






**PART-III**






**Directions (Q.11-15) :** There is a problem figure on the left-hand side, a part of which is missing. Observe the answer figures (A), (B), (C) and (D) on the right-hand side and find out the answer figure which, without changing the direction fits in the missing part of the problem figure in order to complete the pattern in the problem figure. Indicate your answer by letter of the answer figure chosen by you in the given box.






**Problem Figure** **Answer Figures**






11.     

**Problem Figure** **Answer Figures**

14.     

12.     


15.     

13.     





**PART-IV**

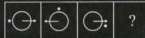
**Directions (Q.16-20) :** There are three problem figures on the left-hand side and the space for the fourth figure is left blank. The Problem figures are in a series. Find out one figure from among the answer figures given on the right-hand side which occupies the blank space for the fourth figure on the left-hand side and which completes the series. Indicate your answer of the answer figure chosen by you in the given box.





**Problem Figures**

16. 





**Answer Figures**

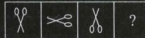
   





17. 





18. 

19. 

20. 


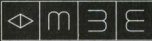



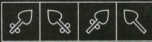


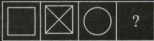

   

## PART-V

**Directions (Q.21-25) :** There are three problem figures followed by a mark of interrogation (?) for the fourth one. There exists a relationship between the first two problem figures. A similar relationship should exist between the third and fourth problem figures. Select one figure from the answer figures which replaces the mark of interrogation. Write the letter of the answer figure selected by you in the given box.


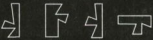

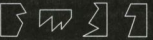

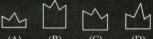

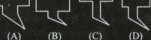

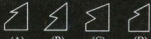
## Problem Figures

## Answer Figures

21.  
22.  
23.  
24.  
25.  






## PART-VI

**Directions (Q.26-30) :** One part of a square is on the left-hand side and the other one is among the four figures (A), (B), (C) and (D) on the right-hand side. Find the figure on the right-hand side that completes the square. Write the letter given below that figure in the given box.

26.  
27.  
28.  
29.  
30.  

### PART-VII

**Directions (Q.31-35) :** Four figures (A), (B), (C) and (D) have been given in each question. Of these four figures, three figures are similar in some way and one figure is different. Select the figure which is different and write your answer only in English letters (*i.e.*, A, B, C and D) in the given box.

- |  |  |
|--|--|
| <p>31. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> | <p>34. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> |
| <p>32. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> | <p>35. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> |
| <p>33. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> |  |

### PART-VIII

**Directions (Q.36-40) :** A problem figure is given on the left-hand side and four answer figures marked (A), (B), (C) and (D) are given on the right-hand side. Select the answer figure which is exactly the same as the problem figure and write your answer only in English letters (*i.e.*, A, B, C and D) in the given box.

**Problem Figure**

**Answer Figures**

**Problem Figure**

**Answer Figures**

- |  |  |
|--|--|
| <p>36. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> | <p>39. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> |
| <p>37. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> | <p>40. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> |
| <p>38. </p> <p style="text-align: center;">(A)            (B)            (C)            (D)</p> |  |

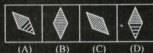
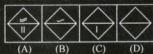
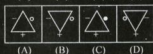
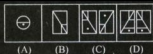
### PART-IX

**Directions (Q.41-45) :** There are three problem figures followed by a mark of interrogation (?) for the fourth one. There exists a relationship between the first two problem figures. A similar relationship should exist between the third and fourth problem figures. Select one figure from the answer figures which replaces the mark of interrogation. Write the letter of the answer figure selected by you in the given box.

**Problem Figures**

**Answer Figures**

41. 
- (A)            (B)            (C)            (D)



### PART-X

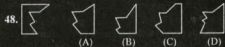
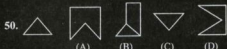
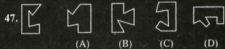
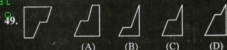
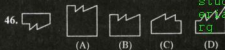
**Directions (Q.46-50) :** One part of a square is on the left-hand side and the other one is among the four figures (A), (B), (C) and (D) on the right-hand side. Find the figure on the right-hand side that completes the square. Write the letter given below that figure in the given box.

**Problem Figure**

**Answer Figures**

**Problem Figure**

**Answer Figures**



## SECTION II : ARITHMETIC

**Directions (Q.51-75) :** There are four possible answers for each questions which are represented by (A), (B), (C) and (D). Only one answer is correct out of these answers. Choose correct answer and write down the answer in English alphabet in the given box.

51. Sixteen lakh eight hundred thirteen is written as—  
 (A) 16813 (B) 160830  
 (C) 1600813 (D) 160813
52. There are 14 lines in a car parking. There are 420 places for parking the cars in each line. How many cars can be parked in the car parking?  
 (A) 5,880 (B) 434  
 (C) 406 (D) 30

53. A number

- is less than 50
- is multiple of 7
- has total 3 factors.

What is this number ?

- (A) 14 (B) 42  
(C) 49 (D) 70
54. How is  $\frac{61}{10000}$  written in decimal ?  
(A) 610000 (B) 0.61000  
(C) 0.00061 (D) 0.0061
55. Amita started to draw her field at 11 : 55 a. m. and finished to it at 12 : 05 p.m. How much time did she take to complete the drawing ?  
(A) 50 minutes (B) 1 hour 50 minutes  
(C) 10 minutes (D) 1 hour 10 minutes
56. What is the place value of digit 5 in the number 214.56 ?  
(A) 5 ones (B) 5 tens  
(C) 5 tenth (D) 5 hundredth
57. The two brands of chocolate are available in the packing of 10 and 12. If I have to take both brands of chocolate with the same quantity then how many packs should purchase at least of each brand ?  
(A) two pack of 10 and two pack of 12  
(B) six pack of 10 and five pack of 12  
(C) twelve pack of 10 and ten pack of 12  
(D) twenty two pack of each
58. Solve the following to get—  
 $\frac{1}{24} - 1 + \frac{7}{36}$   
(A)  $\frac{17}{72}$  (B)  $\frac{17}{72}$   
(C)  $\frac{7}{60}$  (D)  $2\frac{7}{60}$
59. The multiple of two decimals is 14.837. If one is 4.01 of it, then what is the second decimal ?  
(A) 37 (B) 3.7  
(C) 3.07 (D) 3.007
60. Study the following pattern and find out next term—

$$\begin{array}{cccccc} 5 & 15 & 25 & 35 & 45 \\ \times 5 & \times 15 & \times 25 & \times 35 & \times 45 \\ \hline 25 & 225 & 625 & 1225 & 2025 \end{array}$$

$$\begin{array}{cc} (A) \frac{55}{2825} & (B) \frac{55}{3225} \end{array}$$

$$\begin{array}{cc} (C) \frac{55}{3025} & (D) \frac{55}{10025} \end{array}$$

61. The population of a district is 20 lakhs. If population increases by 1.1% every year then what will be the population of this district in the end of a year ?  
(A) 21.1 lakh (B) 22 lakh  
(C) 22.2 lakh (D) 20.22 lakh
62. A shopkeeper loses Rs. 120 by selling a Radio at Rs. 680. To earn the profit of Rs. 120, for how much, he should sell the radio out.  
(A) Rs. 720 (B) Rs. 800  
(C) Rs. 820 (D) Rs. 920
63. What will be the area of rectangle of 12 cm long and 6.5 cm wide ?  
(A) 78 s. cm (B) 78 c. cm  
(C) 37 s. cm (D) 37 cm
64. The weight of a Rs. 5 coin is 9 gms. The total weight of Rs. 5 coins is 9 kilograms in the bag of Anu. How many coins are there in the bag ?  
(A) 10 (B) 100  
(C) 1000 (D) 10000
65. There are 26 rooms in a school. 4 plants are planted in the each room. It 2 cups of water is powered in one plant then how many cups of water should be required for all the plants ?  
(A) 32 cups (B) 106 cups  
(C) 112 cups (D) 208 cups
66. If one rectangle is formed by 100 cm long wire then what can be maximum area of rectangle ?  
(A) 100 square cm  
(B) 400 square cm  
(C) 620 square cm  
(D) 10000 square cm
67. Arun forms one cuboid by 60 one cm side cube. What will be the volume of this cuboid ?  
(A) 30 c. cm (B) 60 c. cm  
(C) 75 c. cm (D) 90 c. cm
68. If F rotates three times in clockwise direction at 45° angle, then which figure will be formed ?

- (A)  $\wedge$  (B)  $\Upsilon$   
(C)  $\vee$  (D)  $\succ$

69. A person borrows Rs. 20,000 for the maintenance of house which he has to return in 2 years at the 10% annual interest. The amount which is returned after 2 years with interest by him, is—  
 (A) Rs. 21,000 (B) Rs. 22,000  
 (C) Rs. 24,000 (D) Rs. 4,000
70. The books available on different subjects in the school library are shown by pictograph as follows—

Subjects	<input type="checkbox"/> → 10 Books
Mathematic	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Science	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Hindi	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
English	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
History	<input type="checkbox"/> <input type="checkbox"/>

How many subjects are there with more than 50 books ?

- (A) 2 (B) 3  
 (C) 1 (D) 4

71. What is the sum of 20.08, 20.088, 20.888 and 20.088 ?  
 (A) 80.064  
 (B) 81.544  
 (C) 81.054  
 (D) 81.064
72. The common factors of 12 and 15 are—  
 (A) 1, 2, 4 (B) 1, 3, 15  
 (C) 1, 12 (D) 1, 3
73. How many bottles with the capacity of 300 ml. can be filled from the container which has 2.85 m<sup>3</sup> oil.  
 (A) 950 (B) 9050  
 (C) 9500 (D) 9550
74. Approximate value of  $275.0003 \times 3.005$  is—  
 (A) 825 (B) 830  
 (C) 810 (D) 835
75. A person purchases an old bicycle in Rs. 450 and incur Rs. 50 on its maintenance. If he sold old bicycle for Rs. 600 then his profit percentage is—  
 (A) 15% (B) 18%  
 (C) 20% (D) 25%

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## SECTION III : LANGUAGE

**Directions (Q.76-90) :** There are three passages in this Section. Each passage is followed by five questions. Read each passage carefully and answer the questions that follow. For each question four probable answers bearing letters (A), (B), (C) and (D) are given. Only one out of these is correct. You have to choose the correct answer and write the letter in the given box.

### PASSAGE-1

A Jeweller, when peeped through his shop into the lane, saw a well dressed woman getting of her car. Along with her pet she moved forward and rang the bell. Curiously, the shopkeeper let her in. After an hour or so the curiosity subsided. The women with utmost care looked at the trays containing diamond, at the counter in front of her nodded her head and asked for something else. In the end she asked for the tray-5 to be shown once again. The jeweller was very happy from within because the said tray contained

the most valuable diamonds. When he brought the tray, the woman moved forward and dashed with the jeweller, resulting in all the diamond scattered thither-thither. The woman cut a sorry figure and jeweller looked at her timidly. She helped him picking the diamonds. In the mean while, she took out a piece of biscuit out of her purse and fed her dog. When jeweller could pick the piece of diamond he felt something to stop his heart beat. A 5 carate diamond was seen no where. Excitedly he looked around the entire floor but all in vein. Then he suspiciously looked at the woman and called the police. At the request of the jeweller the police searched the woman but could find nothing. The jeweller realized that the clever woman has cheated on him.

76. Why did the jeweller show curiosity while letting the woman in ?  
 (A) because she was well dressed  
 (B) because she rang the bell  
 (C) because she had a pet also  
 (D) because she was beautiful

77. In the above passage 'tray' is important, because—  
 (A) It contained shining diamonds  
 (B) Whatever it contained, all scattered on the floor  
 (C) The female cut the sorry figure and the jeweller got desperate  
 (D) This tray was loving to the jeweller
78. What is the meaning of 'counter' in the passage?  
 (A) An article on which you count  
 (B) Re. to be used during playing cards  
 (C) An opposition  
 (D) A flat surface, on which articles are kept to sell
79. Police was called—  
 (A) The woman made the diamonds in tray-5 to fall down  
 (B) She was feeding her dog with biscuit and she did not like any of the diamonds  
 (C) A 5 carate diamond got disappeared  
 (D) She did not purchase anything from the tray
80. Then he looked at the woman with suspicion. What does the underline phrase mean—  
 (A) He looked at the woman as if she was not a woman  
 (B) He angrily looked at the woman, because she made the tray to fall down  
 (C) He looked in such a way as if the woman had cheated on him  
 (D) He looked at her suspiciously and the police arrested her

#### PASSAGE-2

In the year 2007 India became the 11th nation to join the trillioners club. It was the moment to pat you back, but the experts opined that we congratulated in haste. The country is suffering from evils like child marriage, poverty, diseases, castism and communalism, therefore it is a matter of shame for all of us.

81. Which important event took place in the year 2007?  
 (A) India landed loan worth Rs. 1 trillion to 11 nations  
 (B) India became the 11th nation to take loan worth Rs. 1 trillion  
 (C) India is included among the those prosperous countries, which had more than one trillion \$  
 (D) India became the 11th nation to have no poor
82. When the writer says that we have congratulated ourselves in haste, he means—  
 (A) Indian wished each other very early in the morning  
 (B) India is proud to be counted as prosperous country

- (C) We ought to celebrate the moment when there is no poor in the country  
 (D) People should have wished each other by the late evening
83. Which words mean—to feel pleasure—  
 (A) To pat once own back  
 (B) To wish in haste  
 (C) Only some have become rich  
 (D) Country is still reeling under poverty
84. What was shame for India, according to the writer?  
 (A) India became rich quickly  
 (B) People are still unhappy  
 (C) Only some have become rich  
 (D) The government did not give employment to all
85. Which of the following sentences impart the meaning—evils like child marriage?  
 (A) Ravana was the king of evils  
 (B) Child marriage is an evil  
 (C) we adopt evil methods to torture others  
 (D) To speak loudly with your parents, is an evil

#### PASSAGE-3

Two diseases of banana, spreading fast in Africa, are becoming danger to about 3 crore people who bank upon this fruit for their food and earning as well. To check this fast spreading disease, the scientists had an emergency meeting with policy makers. They found the disease incurable, therefore they suggested powerful scheme; such as ploughing the large banana fields, spray the insecticide or burn the plants. They felt, if steps were not taken in time, the disease would turn into epidemic and 90% of the crop would be destroyed.

86. Why did the writer say that the banana disease is becoming danger to the people?  
 (A) It would soon spread among the people and kill them  
 (B) It would soon destroy the crop, which is the means of living and earning of the people  
 (C) The trees would turn poisonous  
 (D) This would spread epidemic among the people
87. Why did scientists have emergency meeting?  
 (A) To find the solution of the problem  
 (B) To tell the government, that they have found out the solution  
 (C) To be awarded by the government  
 (D) To tell the government that the problem is serious



88. To check the disease, the scientists suggested—  
 (A) All the people should be inhabited else where  
 (B) People should be given some other employment for their earning  
 (C) People should plant something else  
 (D) All the affected plants must be burnt out or sprayed with insecticide

89. Epidemic means—  
 (A) Frequently spread disease  
 (B) Drought  
 (C) A method to cure plants  
 (D) A disease to attack only human being
90. Which sentence in the stanza is used to mean-incurable disease ?

- (A) None could survive after returning from Africa  
 (B) On spreading swine flue, to check the spread the government has to take strict steps  
 (C) The fire was so furious that the entire building turned into ashes with no time  
 (D) There was a powerful change in the people's life after the erection of factory in the village

**Directions (Q.91-92) :** Below are given four sentences (A), (B), (C) and (D). To make a stanza, arrange them in correct order and fill the box with correct answer.

91. 1. The student were making too much noise.  
 2. The teacher was not in the class.  
 3. Everyone got the punishment.  
 4. The principal visited the class.

The correct order is—

- (A) 1, 2, 3, 4 (B) 3, 2, 1, 4  
 (C) 4, 2, 1, 3 (D) 2, 1, 4, 3

92. 1. Her mother was not at home.  
 2. Nina was hungry.  
 3. She purchased chocolate for herself.  
 4. She went to the nearby shop.

The correct order is—

- (A) 1, 2, 3, 4 (B) 2, 1, 4, 3  
 (C) 3, 2, 1, 4 (D) 3, 1, 2, 4

**Directions (Q.93-94) :** Complete the sentence with most appropriate option and fill the box with correct answer—

93. I wanted to stay back at home because—  
 (A) The train was leaving  
 (B) I wanted to sleep  
 (C) The bananas were purchased  
 (D) I like the apples
94. The child was crying because—  
 (A) He wanted to read the book  
 (B) India had won the match  
 (C) He was hungry  
 (D) It was raining outside

**Directions (Q. 95-97) :** Read each sentence to find out whether there is any error in it, the error, if any, will be in one part of the sentence, The number of that part is the answer.

95. Gandhiji was a/ men who/ become a legend/ in his own time.  
 (A) (B) (C) (D)
96. The travel agency made / all the arrangements/ for our journey / for England.  
 (A) (B) (C) (D)
97. The question was / so difficult that / nobody were / able to answer it.  
 (A) (B) (C) (D)

**Directions (Q.98-100) :** Below are given certain words to be filled in the blanks. Choose the correct word and fill the box with correct answer.

98. I like oranges.....  
 (A) more (B) usually  
 (C) like (D) pleasure
99. He sleeps the whole day and studies....night.  
 (A) in (B) at (C) on (D) for
100. ....picture is very beautiful.  
 (A) This (B) They  
 (C) These (D) Some