SECTION I : MENTAL ABILITY TEST

PART-I

Directions : (Q. 1-10) The four figures (A), (B), (C) and (D) are given in each question below. The three figures out of these four figures are same upto some limit and after choosing separate a figure, indicate your correct answer.

1. (A) (B) (C) (D)

2. (A) (B) (C) (D)

3. (A) (B) (C) (D)

4. (A) (B) (C) (D)

5. (A) (B) (C) (D)

6. (A) (B) (C) (D)

7. (A) (B) (C) (D)

8. (A) (B) (C) (D)

9. (A) (B) (C) (D)

10. (A) (B) (C) (D)
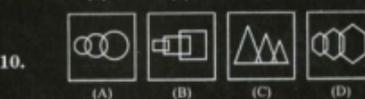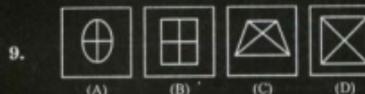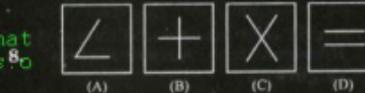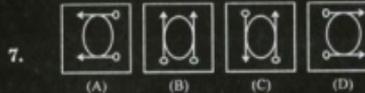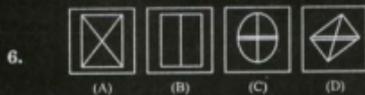
PART-II

Directions : (Q. 11-20) There are four answer figures (A), (B), (C) and (D) given at the right side and one problem figure at the left side in each question below. Select that answer figure which is same with all respect of the problem figure and after selecting figure, indicate your correct sequence.

| Problem Figure | Answer Figures | | | | Problem Figure | Answer Figures | | | |

11. (A) (B) (C) (D)

12. (A) (B) (C) (D)

13. (A) (B) (C) (D)

14. (A) (B) (C) (D)

	Problem Figure	Answer Figures		Problem Figure	Answer Figures

15. (A) (B) (C) (D)   18. (A) (B) (C) (D)

16. (A) (B) (C) (D)   19. (A) (B) (C) (D)

17. (A) (B) (C) (D)   20. (A) (B) (C) (D)

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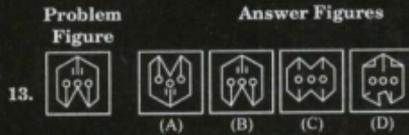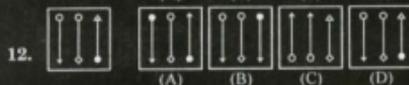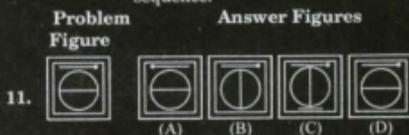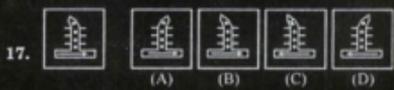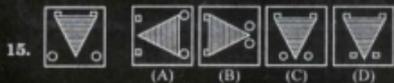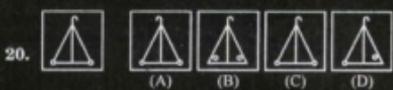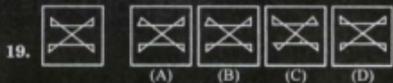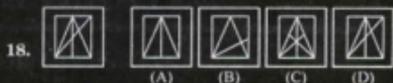
PART-III

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Directions : (Q. 21-30) One problem figure is given at the left side of line in each question below. One part is missing of that given problem figure. Find out that figure from given (A), (B), (C) and (D) answer figures at right side which fits exactly in this missing part of problem figure without changing their direction and complete the pattern of the problem figure. After selecting figure, indicate your correct response.

	Problem Figure	Answer Figures		Problem Figure	Answer Figures

21. (A) (B) (C) (D)   26. (A) (B) (C) (D)

22. (A) (B) (C) (D)   27. (A) (B) (C) (D)

23. (A) (B) (C) (D)   28. (A) (B) (C) (D)

24. (A) (B) (C) (D)   29. (A) (B) (C) (D)*

25. (A) (B) (C) (D)   30. (A) (B) (C) (D)
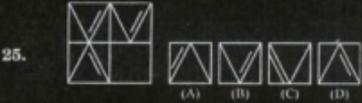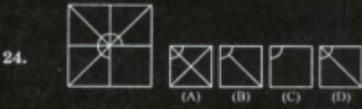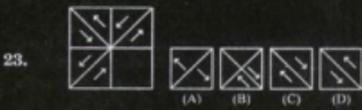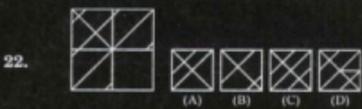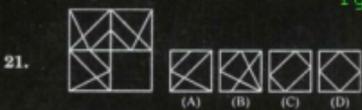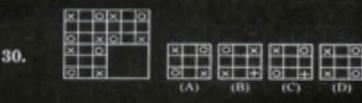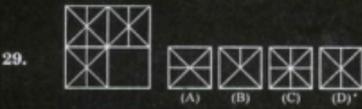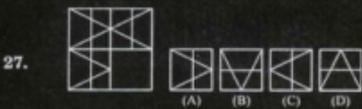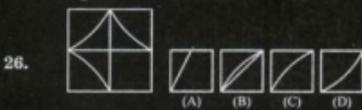
Directions : (Q. 31-40) There are given three problem figures on the left side of the line in each question below and fourth place is blanked. The problem figures are in the series. Find out that which does complete this figure of this series by given right side answer figures of the line. After selecting figure, indicate your correct response.

Problem Figures	Answer Figures

31.

32.

33.

34.
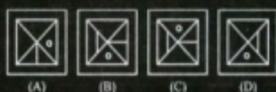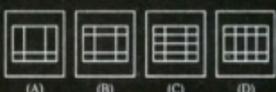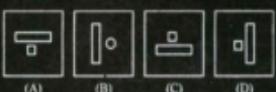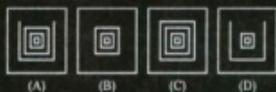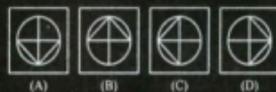
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35.

36.

37.

38.

39.

40.

Directions : (Q. 41-50) There is a question-mark (?) printed at the fourth place after three problem figures in each question below. There is a relationship between first two problem figures. Similarly, there should be a relationship between third and fourth problem figures also. Select that figure from the answer figures which is fit for the place of question-mark (?) of problem figure. After selecting figure, indicate your correct response.

Problem Figures	Answer Figures

41.

42.

43.

44.

45.

46.

47.

48.

49.

50.
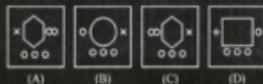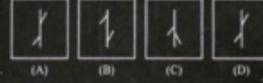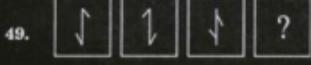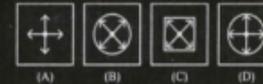
Directions : (Q. 51-60) The one part of square is at the left side of the line in each question given below and second part of that may be any one out of four (A), (B), (C) and (D) of given figures on the right side of the line. Find out that figure from given figures of right side which completes the square. After selecting figure, indicate your correct response.

Problem Figure   Answer Figures

51.

(A)   (B)   (C)   (D)

52.

(A)   (B)   (C)   (D)

53.

(A)   (B)   (C)   (D)

54.

(A)   (B)   (C)   (D)

55.

(A)   (B)   (C)   (D)

56.

(A)   (B)   (C)   (D)

57.

(A)   (B)   (C)   (D)

58.

(A)   (B)   (C)   (D)

59.

(A)   (B)   (C)   (D)

60.

(A)   (B)   (C)   (D)

SECTION II : ARITHMETIC

Directions : (Q. 61-80) There are four possible answers for each question which are represented by (A), (B), (C) and (D). Out of these, only one answer is correct. After selecting correct answer, indicate your correct response.

61. Joseph travels the distance 150 m in 60 sec. What is his speed in km. per hour?
    (A) 9   (B) 90   (C) 900   (D) 9,000

62. A boy sold his old text book at Rs. 64 on 20% loss. What is the purchase price of that text book?
    (A) Rs. 78.80   (B) Rs. 80
    (C) Rs. 100   (D) Rs. 120

63. A person bought eggs with the price of Rs. 20 per dozen and sold them at the rate of Rs. 2 per egg. What is his per cent profit in the transaction?
    (A) 4   (B) $16\frac{2}{3}$ (C) 18   (D) 20

64. How many bottles of 300 millilitre fill up completely by 7 litre of oil?
    (A) 2   (B) 23   (C) 200   (D) 215

65. What is the next of the numbers?
    2   4   8
    3   9   27
    4   16   64
    ?   ?   ?
    (A) 2 10 15   (B) 5 15 200
    (C) 5 25 125   (D) 5 30 150

66. If 25 is multiplied by 09.93 then what will be the nearest multiple value?
    (A) 300   (B) 375   (C) 447   (D) 250

67. What will be the result on solving of
    $\left(\frac{3}{5} + \frac{1}{5} + \frac{3}{10}\right) \times \left(\frac{36}{45} + \frac{16}{5}\right)$?
    (A) $\frac{1}{5}$ (B) $\frac{76}{15}$ (C) $\frac{32}{25}$ (D) $\frac{64}{125}$

68. What is 7.5% of Rs. 2,000 ?
    (A) Rs. 1.50   (B) Rs. 15.00
    (C) Rs. 150.00   (D) Rs. 1500.00

69. What is the value of * if the number 56 * 890 will be exactly divisible by 13 ?
    (A) 1   (B) 3   (C) 5   (D) 7

70. What is the sum of 13.3, 1.33, 1.0033 and 1.033?
    (A) 16.6060   (B) 16.3066
    (C) 16.3333   (D) 16.6666

71. Which smallest number is added to the number 52792 that it is completely divided by 15?
    (A) 6   (B) 7   (C) 8   (D) 15

72. The bells of three Churchs ring on the interval of 10, 12 and 15 minutes respectively. If these ring at 8 : 30 a.m. together then when will these ring next time together?
    (A) 9.00 a.m.   (B) 9.30 a.m.
    (C) 10.00 a.m.   (D) 12.00 a.m.

73. Find out the smallest number of three digits which is completely divisible by 4, 8 and 12.
    (A) 104   (B) 120   (C) 240   (D) 984

74. A truck can take 175 bags of cement. How many trucks will be required for taking 58275 bags?
    (A) 57950 (B) 53000 (C) 55900 (D) 333

75. Which is the prime number in the following?
    (A) 91   (B) 93   (C) 95   (D) 97

76. What is the smallest even number formed by 7, 0, 1, 2, and 3 ?
    (A) 10372 (B) 10237 (C) 73210 (D) 12370

77. Find out from the bar chart that how many candidates get more than 20 marks?
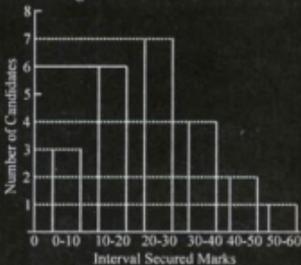
    (A) 3   (B) 5   (C) 13   (D) 14

78. The volume of cuboid is 36000 cubic cm and its breadth and height is 30 cm and 40 cm respectively. What is its length?
    (A) 20 cm (B) 30 cm (C) 40 cm (D) 50 cm

79. Perimeter of a rectangle is 40 cm. What will be its dimensions (in cm) if its area is maximum?
    (A) 1, 19 (B) 4, 10 (C) 5, 10 (D) 8, 12

80. A bank returns Rs. 3,000 after 5 years on the deposit amount of Rs. 2,000. What is per cent rate of simple interest?
    (A) 20%   (B) 15%   (C) 10%   (D) 5%

SECTION III : LANGUAGE (ENGLISH)

Directions : There are four passages of this Section. At the end of each passage, five questions are asked. Read each passage attentively and answer the questions. There are four probable answers to each question, which are lettered (A), (B), (C) and (D). Only one of these probable answers is correct. Choose the correct answers.

PASSAGE-1

Today, obesity is the most serious problem of the people. Obesity is the product of change in life-style, food, mobility, health and change in nutrition. Results of obesity are the disease like blood pressure, diabetes, some type of cancer, heart diseases, low self-respect or weariness. Therefore, we should change our life-style by taking balanced diet, full of proper quantity of carbohydrates, proteins, fats, vitamins and mineral salts and by keeping ourselves physically active. keeping in mind the life-style, type and load of the work, taste of meal and irregularities, a dietician can also help.

81. The author advises the people to change their life-style upto the necessary level, when people :
(A) Migrate from cities towards villages
(B) Go on foot to work places and avoid air-conditioned cars
(C) Save money to pay the doctor, in case of illness
(D) Change the food habits and do more exercise

82. Dietician is that who :
(A) Teaches the techniques to reduce weight
(B) Advises us about the type of food we should take
(C) Treats several diseases
(D) Cooks low-fat food for those who are willing to reduce weight

83. Carbohydrates, proteins, fats, vitamins and minerals are the constituents of :
(A) Exercises
(B) Chemicals
(C) Food
(D) All of the above

84. In whom among the following, there is little probability of obesity?
(A) Those who take meals in hotels and restaurants
(B) Who work in the office for longer period
(C) Who reside in air-conditioned environment
(D) The players, who play enormously

85. According to the author, obesity is a :
(A) Disease
(B) Life-style
(C) Allergy
(D) Mental problem

PASSAGE-2

It is an embarrassing scene to see Indian players committing errors in Olympic. It creates restlessness in the heart to return without Olympic Gold Medal from this largest sports ceremony of the world, lack of acquaintance with the foreign environment and situations, want of sufficient training and lack of appropriate planning are the main reasons behind the average performance by Indian squad. So far brilliance is concerned, there is no lack in Indian participants. It is not necessary to search ingenuity out of a population of over 100 crore. The most important question (the question of hundred rupees) is this that what happens to this ingenuity at the stage of Olympic? The only possible explanation is this that shortage or abundance of money is the main reason behind India's pain.

86. What is the main reason of the failure of Indian sports persons in Olympic?
(A) Planning
(B) Finance
(C) Lack of fund
(D) Shortage or Abundance of money

87. What is the meaning of the phrase, "the question of hundred rupees"?
(A) An amount of hundred rupees can be earned as remuneration from the answer of the question
(B) Very important and timely question
(C) Hundred rupees can be obtained as cost of the question
(D) Hundred rupees may be the fee of asking the question

88. What is the reason behind poor performance by Indian sports persons?
(A) Planning, training and lack of acquaintance with foreign environment
(B) Food habits, sufficient training facilities and want of planning

(C) Acquaintance with the foreign environment, sufficient training facilities and techniques of training

(D) Training, time, lack of planning and acquintance with foreign environment

89. Which has been termed as the biggest sports ceremony?

(A) Sufficient training

(B) To see Olympic

(C) Olympic

(D) To win the medals

90. What does restlessness mean in this part?

(A) Anxiety   (B) Obstruction

(C) Annoyance   (D) Perplexity

PASSAGE-3

Sunil's friends were passing their vacation at Sunil's home. Sunil's request pleased his father to **take** them to view the circus. They were six in number—Sunil, his parents, sister Veena, Friends, Geeta and Raju. They came out and waited for the bus for airticability long time. Sunil's father decided to carry them on scooter. Veena sat between her father and the mother. Sunil along with Raju stood before his father and Geeta sat behind Sunil's mother. Due to heavy load, the tyre of the scooter got punctured and stopped on the road. They became sad and came back to home. Sunil's father realized his mistake.

91. Sunil's father committed the following mistake :

(A) He planned to take them to the circus

(B) They waited for the bus

(C) Loaded excess weight on the scooter

(D) He took away Sunil's friends to the circus

92. How many were the members in Sunil's father's family?

(A) Four   (B) Six

(C) Three   (D) Five

93. Sunil could not go to circus because :

(A) It was delayed

(B) Father was busy with the work

(C) His plan was not right

(D) The scooter got punctured

94. ....and............ were Sunil's friends :

(A) Raju and Veena

(B) Veena and Geeta

(C) Geeta and Raju

(D) Geeta and Rahul

95. Sunil wanted to go to :

(A) Zoo   (B) Circus

(C) Park   (D) School

PASSAGE-4

In human life, horse is a dynamic animal and has served human being. Man has used the horse at each step. Man has made the horse domestic over the last 5,000 years. The horse has contributed significantly to make man progressive. With the help of horses, the frontiers of knowledge and learning can be extended to far-remote cities and trade of goods can also be conducted. The horse is strong enough and suitable for agriculture works. The farmer can also use the horse in cultivation of foodgrains. The horse is so mighty that the power of the vehicle is measured in terms of horse power. The horse runs very fast and can carry the soldiers to high altitude. Cavaliers have always defeated those who did not have horses. The horses are beautiful, walk swiftly and many people ride them for pleasure, with the rider also, the horse can cross the obstructions and walk.

96. In which form can the horse be described most elegantly?

(A) Power   (B) Beauty

(C) Utility   (D) All of these

97. The following is measured in terms of horse power :

(A) Strength of the horse

(B) The number of riders who can ride a horse simultaneously

(C) Power of the vehicles

(D) Electrical power

98. The horse is not needed for which of the following purposes?

(A) For communication among the villages

(B) To repair the damaged dam

(C) Cultivation

(D) To win a battle

99. The man or the object that can move hither and thither is called :

(A) Horse-like   (B) Dynamic

(C) Fast   (D) Mighty

100. During the last 5,000 years, the horses have been :

(A) Killed   (B) Caused to fight

(C) Made domestic   (D) Caused to run