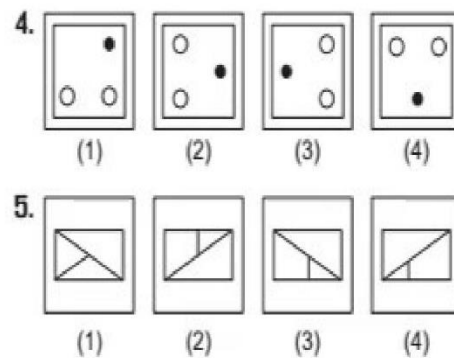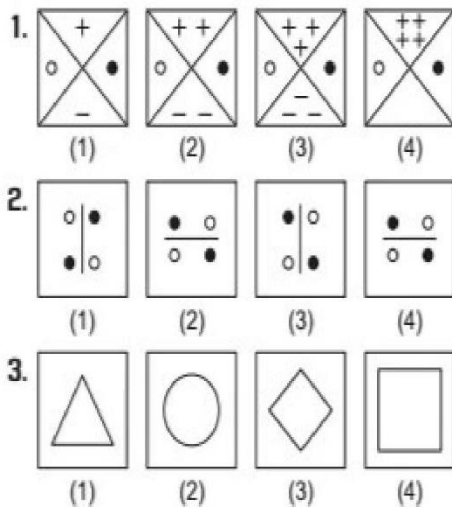# Section I Mental Ability Test

Part I

Directions (Q.Nos. 1-5) *There are four figures (1), (2), (3) and (4). Out of these four figures, three figures are similar but one figure is different. Spot out the different figure.*
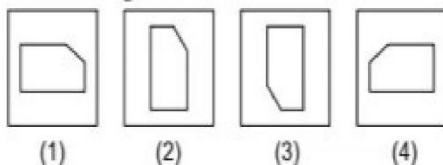
1.

(1) (2) (3) (4)

2.

(1) (2) (3) (4)

3.

(1) (2) (3) (4)

4.

(1) (2) (3) (4)

5.

(1) (2) (3) (4)

Part II

Directions (Q.Nos. 6-10) *There is a given problem figure. There are four answer figures (1), (2), (3) and (4). You have to find out the answer figure which is similar to the given problem figure.*
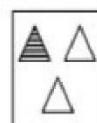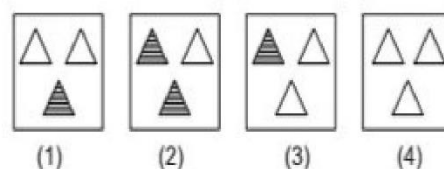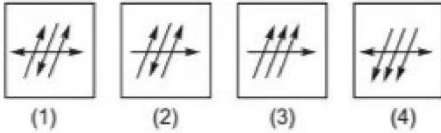
6. Problem Figure

Answer Figures

(1) (2) (3) (4)

7. Problem Figure

Answer Figures

(1) (2) (3) (4)
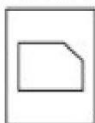
Based on Memory

8. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)

9. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
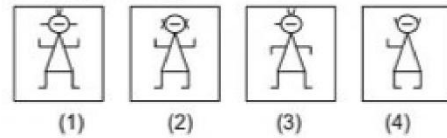
10. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
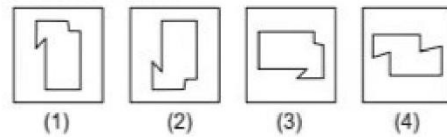
Part III

Directions (Q.Nos. 11-15) *There is a problem figure a part of which is missing. Observe the answer figures (1), (2), (3) and (4) and find out the answer figure which without changing the direction, fits in the missing part in the problem figure in order to complete the pattern in the problem figure.*
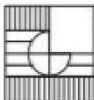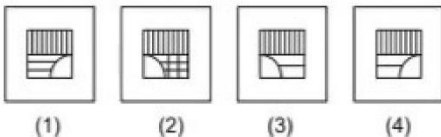
11. Problem Figure

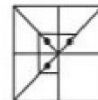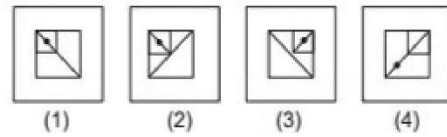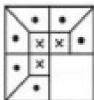**Answer Figures**

(1)   (2)   (3)   (4)

12. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)

13. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
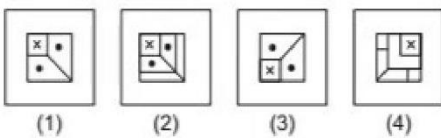
14. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
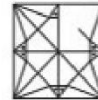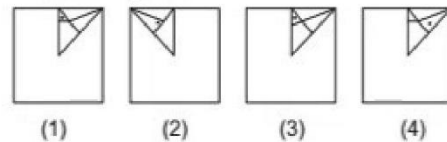
15. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
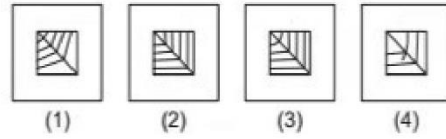
Part IV

Directions (Q.Nos. 16-20) *There are problem figures and the question mark (?) for fourth figure. The problem figures are in a series. Find out one figure among the answer figures which occupies the question mark (?) for the fourth figure and which completes the series.*

16. Problem Figures

Answer Figures

(1)   (2)   (3)   (4)

17.

(1)   (2)   (3)   (4)

18.

(1)   (2)   (3)   (4)

19.

(1)   (2)   (3)   (4)

20.

(1)   (2)   (3)   (4)
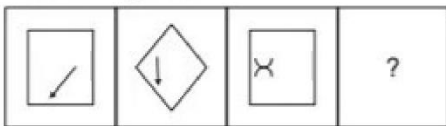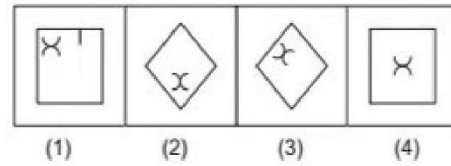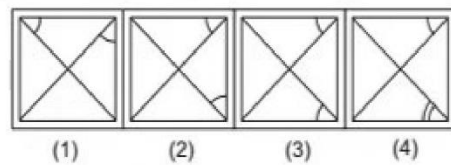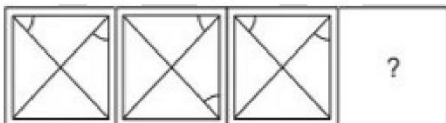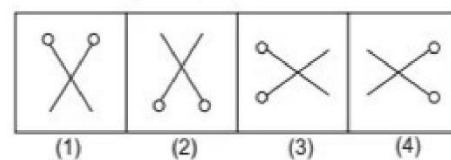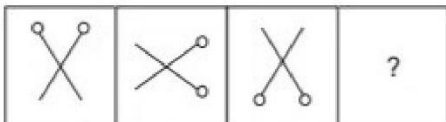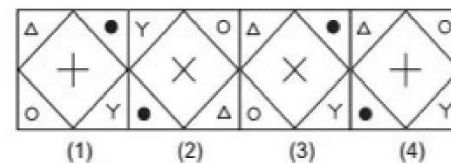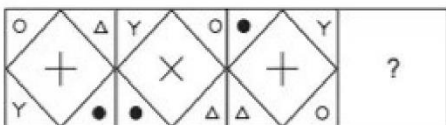
Part V

Directions (Q.Nos. 21-25) *There are three problem figures fallowed by a question mark (?) for the fourth one. There exists a relationship between first two problem figures. A similar relationship should exist between the third and the fourth problem figure. Select one figure from answer figures which replaces the question mark (?).*
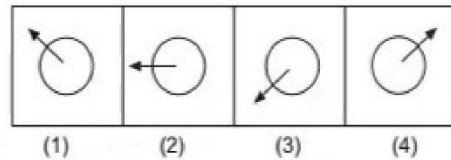
21. Problem Figures

Answer Figures

(1)   (2)   (3)   (4)

22.

(1)   (2)   (3)   (4)

23.

(1)   (2)   (3)   (4)

24.

(1)   (2)   (3)   (4)

25.

(1)   (2)   (3)   (4)
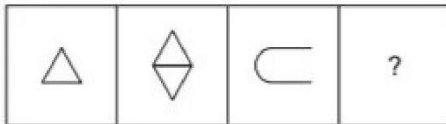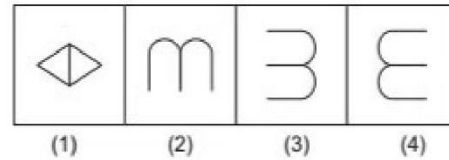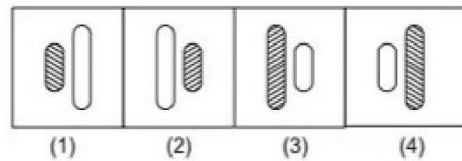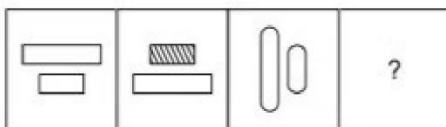
Part VI

Directions (Q.Nos. 26-30) *One part of the square and other one is among the figures (1), (2), (3) and (4). Find out the figure which completes the square.*

26. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
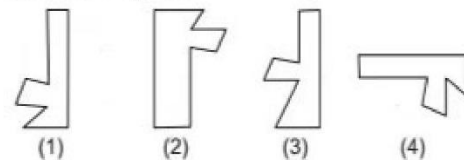
27. Problem Figure

Answer Figures

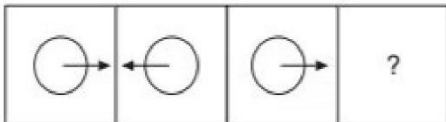(1)   (2)   (3)   (4)

28. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)

29. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
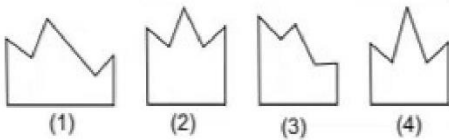
30. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
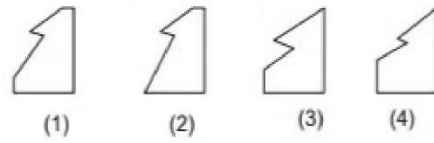
Part VII

Directions (Q.Nos. 31-35) *There are four figures (1), (2), (3) and (4). Out of these four figures, three figures are similar but one figure is different. Spot out the different figure.*

31.

(1)   (2)   (3)   (4)

32.

(1)   (2)   (3)   (4)

33.

(1)   (2)   (3)   (4)

34.

(1)   (2)   (3)   (4)

35.

(1)   (2)   (3)   (4)
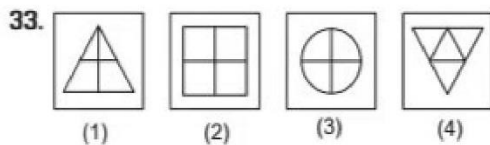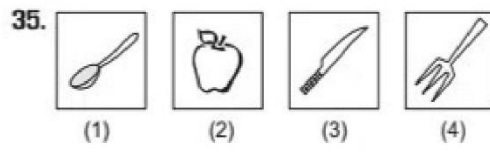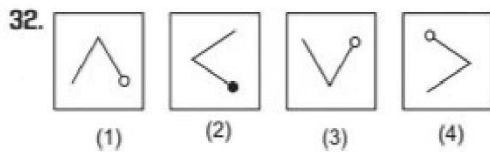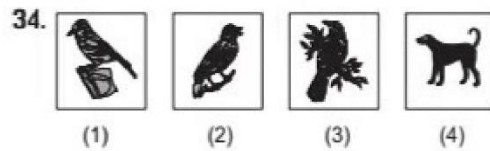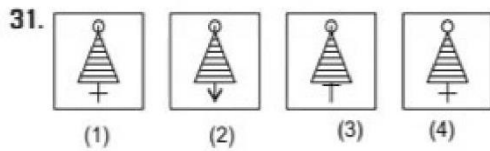
Part VIII

Directions (Q.Nos. 36-40) *There is a given problem figure. There are four answer figures* (1), (2), (3) *and* (4). *You have to find out the answer figure which is similar to the given problem figure.*

36. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)

37. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)

38. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
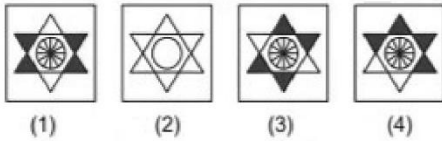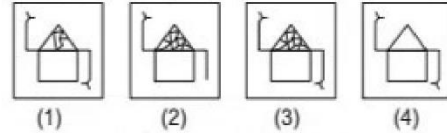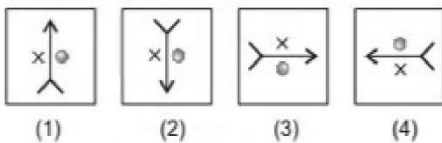
39. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
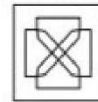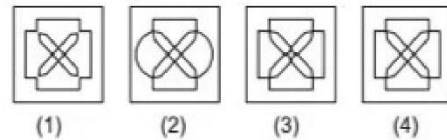
40. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
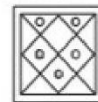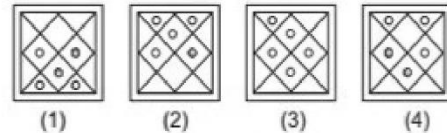
Part IX

**Directions** (Q. Nos. 41-45) *There are three problem figures followed by a question mark* (?) *for the fourth one. There exists a relationship between first two problem figures. A similar relationship should exist between the third and the fourth problem figure. Select one figure from answer figures which replaces the question mark* (?).
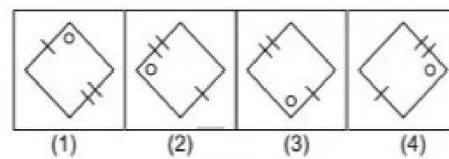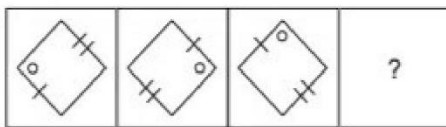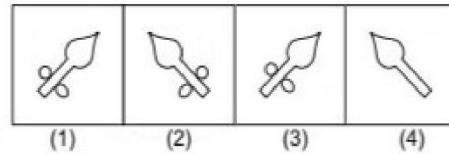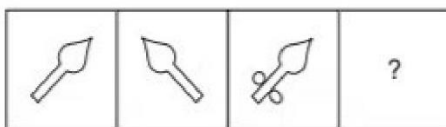
41. Problem Figures

Answer Figures

(1)   (2)   (3)   (4)
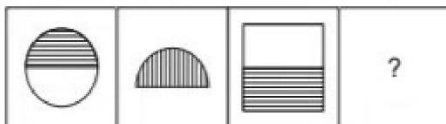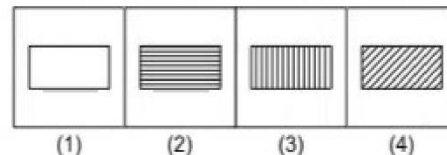
42. Problem Figures

Answer Figures

(1)   (2)   (3)   (4)
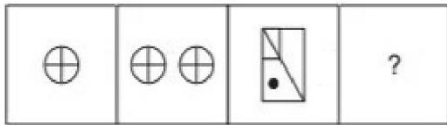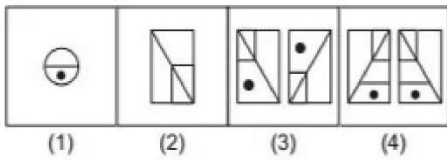
43. Problem Figures

Answer Figures

(1)   (2)   (3)   (4)
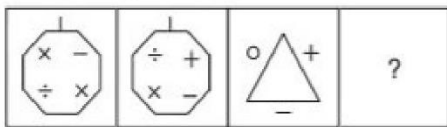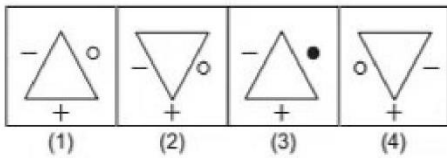
44. Problem Figures

Answer Figures

(1)   (2)   (3)   (4)
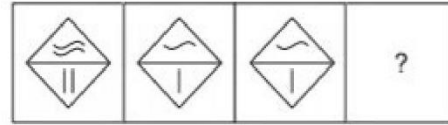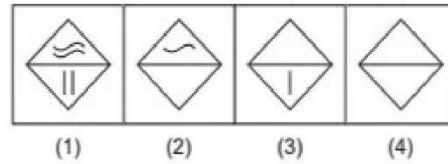
45. Problem Figures

Answer Figures
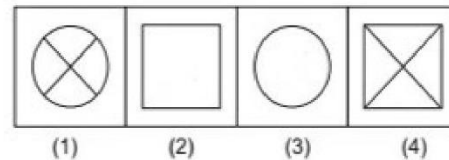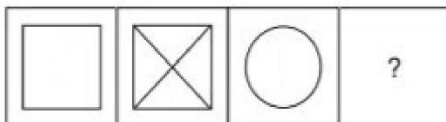

(1)   (2)   (3)   (4)
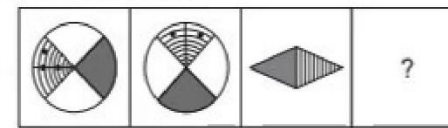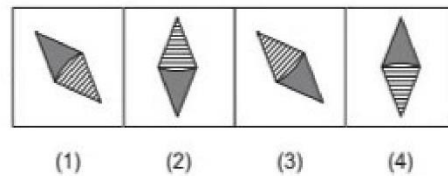
Part X

Directions (Q.Nos. 46-50) *One port of the square and other one is among the figures* (1), (2), (3) *and* (4). *Find out the figure which completes the square.*
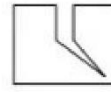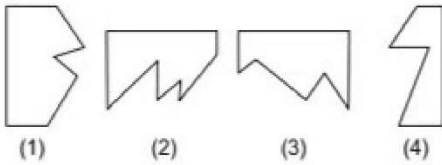
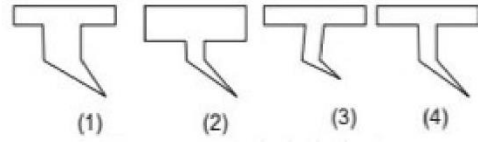## 46. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)

47. Problem Figure

Answer Figures

(1)   (2)   (3)   (4)
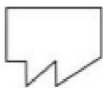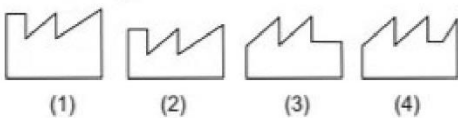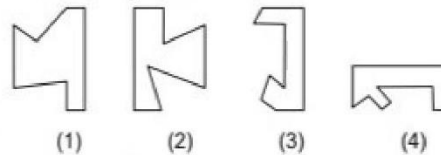
48. Problem Figure

Answer Figures

49. Problem Figure

Answer Figures

(1) (2) (3) (4)
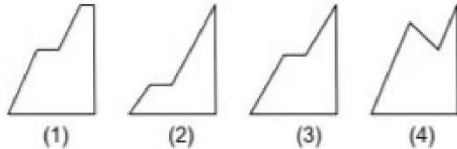
50. Problem Figure

Answer Figures

(1) (2) (3) (4)
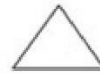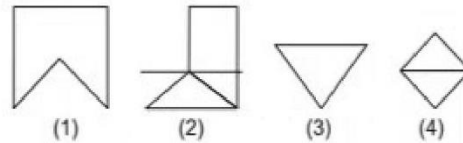
Section II Arithmetic Test

Directions (Q. Nos. 51-75) *For every question, four probable answers bearing* (1), (2), (3) *and* (4) *given. Only one out of these is correct. You have to choose the correct answer.*

51. Sixteen lakh eight hundred and thirteen may be written in digit as
(1) 16813
(2) 160830
(3) 1600813
(4) 160813

52. 14 rows in a park 420 cars stand in every row. Then, how many cars will stand in the park?
(1) 5880 (2) 434 (3) 406 (4) 30

53. A number
– is less than 50
– multiple of 7
– have 3 factors
Then, the number is
(1) 14
(2) 42
(3) 49
(4) 70

54. $\dfrac{61}{10000}$ can be changed into decimal as

(1) 610000
(2) 0.61000
(3) 0.000061
(4) 0.0061

55. Anita started a horse painting at 11:55 am and finished it at 12:05 pm. What time taken by him to complete the painting?
(1) 50 min
(2) 1 h 50 min
(3) 10 min
(4) 1 h 10 min

56. The place value of 5 in 214.56 is
(1) 5×1
(2) 5×10
(3) 5×0.1
(4) 5×0.01

**57.** Two brand of chocolate is available in 10 and 12 packing. If we want to purchase same number of chocolate for each brand, then atleast what number of pack should brought for each brand?
(1) 2 pack of 10, 2 pack of 12
(2) 6 pack of 10, 5 pack of 12
(3) 12 pack of 10,10 pack of 12
(4) 22 pack of each packing

58. $1\dfrac{1}{24} - 1 + \dfrac{7}{36}$ is equal to

(1) $\dfrac{17}{72}$
(2) $1\dfrac{17}{72}$
(3) $\dfrac{7}{60}$
(4) $2\dfrac{7}{60}$

59. The product of two decimals is 14.837. If one decimal is 4.01, what is the other decimal?
(1) 37
(2) 3.7
(3) 3.07
(4) 3.007

60. Study the following pattern find out the next term.
$$\dfrac{5 \times 5}{25}, \dfrac{15 \times 15}{225}, \dfrac{25 \times 25}{625}, \dfrac{35 \times 35}{1225}, \dfrac{45 \times 45}{2025}, ?$$
(1) $\dfrac{55 \times 55}{2825}$
(2) $\dfrac{55 \times 55}{3225}$
(3) $\dfrac{55 \times 55}{3025}$
(4) $\dfrac{55 \times 55}{10025}$

61. The population of a district is 20 lakh. It increases by 1.1% every year. What is the population after 1 yr?
(1) 21.1 lakh
(2) 22 lakh

(3) 22.2 lakh   (4) 20.22 lakh

62. A radio was sold for ₹ 680 at a loss of ₹ 120. At what price should it be sold to earn a profit of ₹ 120.

(1) ₹ 720   (2) ₹ 800
(3) ₹ 820   (4) ₹ 920

63. Find the area of a rectangle whose length is 12 cm and breadth is 6.5 cm.

(1) 78 sq cm   (2) 78 cu cm
(3) 37 sq cm   (4) 37 cu cm

64. Weight of one coin of ₹ 5 is 9 g. In Anu's bag total 9 kg weight of ₹ 5 coin. What is the total coin in Anu's bag?

(1) 10   (2) 100
(3) 1000   (4) 10000

65. In a school total rooms are 26. Four plants are planted in each room. Two cups of water pour in each plant. What is the total cups required to pour all plants?

(1) 32 cups   (2) 106 cups
(3) 112 cups   (4) 208 cups

66. A rectangle is formed by 100 cm wire. Find out the maximum area of this rectangle.

(1) 100 sq cm   (2) 400 sq cm
(3) 625 sq cm   (4) 10000 sq cm

67. 60 cubes of 1 cm side Arun formed a cuboid. What is the volume of cuboid?

(1) 30 cu cm   (2) 60 cu cm
(3) 75 cu cm   (4) 90 cu cm

68. If F rotated three times 45° clockwise direction, then which figure will obtain?

(1) $\wedge$ (2) $\daleth$
(3) $\vee$ (4) $\nearrow$

69. A man borrows ₹ 20000 for the house maintenance which is given by him in 2 yr at

10% per annum. What is the total amount paid by him after 2 yr?

(1) ₹ 21000   (2) ₹ 22000
(3) ₹ 24000   (4) ₹ 4000

70. In a college library different subject wise book pictures detail are given below.

Subject	$\square \longrightarrow$ 10 Books
Mathematics	□□□□□□
Science	□□□□□□□
Hindi	□□□□
English	□□□□□□□□
History	□□

How many subjects have more than 50 books?

(1) 2   (2) 3
(3) 1   (4) 4

71. 20.08 + 20.008 + 20.0008 + 20 is equal to

(1) 80.0642   (2) 80.8000
(3) 81.0888   (4) 80.0888

72. Find the common factor of 12 and 15.

(1) 1, 2, 4   (2) 1, 3, 15
(3) 1, 12   (4) 1, 3

73. How many bottles filled 300 mL capacity from a pot which contains 2.85 m³ oil?

(1) 950   (2) 9050
(3) 9500   (4) 9550

74. What is the approximate value of 275.0003×3.005?

(1) 825   (2) 830
(3) 810   (4) 835

75. A man bought a bicycle for ₹ 450 and spent ₹ 50 for it's maintenance. If he sells bicycle for ₹ 600, then his gain percentage is

(1) 15   (2) 18   (3) 20   (4) 25

Section III Language Test (English)

Directions (Q.Nos. 76-90) *Read the following passages carefully and answer the questions given below it.*

Passage I

A book is written, not to multiply the voice merely, not to carry it merely but to perpetuate it. The author has something to say which he perceives to be true and useful or helpfully beautiful. So, far he knows no one has said it, so far as he knows no one else can say it. He is bound to say it clearly and melodiously if he may; clearly at all events. In the sum of his life, he finds this to be the thing or group of things, manifest him;

this, the piece of true knowledge, or sight which his share of sunshine and Earth has permitted him to seize. That is a book.

76. The opening sentence of the passage implies that the aim of writing a book is to
   (1) repeat the message it contains
   (2) enable the author to express his ideas in writing
   (3) preserve from extinction the message it contains
   (4) propagate the ideology of the author

77. Which of the following would be the most suitable title for the passage?
   (1) Contribution of an Author
   (2) Aim of Writing a Book
   (3) Book the Source of True Knowledge
   (4) Writers and Their Books

78. According to the writer, a person is impelled to write a book because
   (1) he wishes to satisfy his ego
   (2) he has something nice and pleasing to say
   (3) he is capable of expressing whatever he wants to say

   (4) he has discovered something unique true and good which he must convey distinctly and musically

79. Which of the following is not implied in the passage?
   (1) A writer is motivated to write, a book if he discerns a great truth
   (2) An author of a book generally gathers some common truths and gives them a popular and pleasing expression
   (3) A great writer is convinced that whatever he says is not an echo or imitation of what others have said
   (4) An eminent writer's message is conveyed through plain unambiguous language

80. Which of the following is opposite in meaning to the word 'manifest' given in the passage?
   (1) Unclear   (2) Dark
   (3) Pure   (4) Hard

Passage II

We are tempted to assume that technological progress is real progress and that material success is the criterion of civilization. If the Eastern people become fascinated by machines and techniques and use them, as Western nations do, to build huge industrial organizations and large military establishments, they will get involved in power politics and drift into the danger of death. Scientific and technological civilization brings great opportunities and great rewards but also great risks and temptations. Science and technology are neither good nor bad. They are not to be tabooed but tamed and assigned their proper place. They become dangerous only if they become idols.

81. Science and technology will bring benefits to
   (1) nobody
   (2) only Western nations
   (3) only Eastern countries
   (4) all if turned properly

82. From the passage, one gathers that the Eastern people must
   (1) build huge industrial organizations
   (2) avoid being controlled by machines and techniques
   (3) be fascinated by machines
   (4) appreciate scientific achievements

83. According to the author, Science and technology should be
   (1) tabooed and eliminated from life

   (2) used in a controlled and careful manner
   (3) encouraged and liberally used
   (4) extensively exploited for industrial production

84. According to the author, people think that real progress lies in
   (1) working on the same lines as the Western nations
   (2) taking risks and facing temptations
   (3) material success and technological growth
   (4) having large industries and political power

85. According to author, what is real progress?
   (1) Technological progress
   (2) Educational progress
   (3) Physical progress
   (4) None of the above

Passage III

If non-Hindi speaking people fought for one of their own languages to be declared as the official language, it should not have been so great matter of surprise, as it is when one finds these brave patriotic people fighting tooth and nail to retain English as the lingua franca which is as good as foreign language. Mahatma Gandhi never gave the problem of the necessity of a national language any lesser degree of importance than the problem of a national independence. He was strongly opposed to those blind protagonists of English who failed to realise the worth of a national language. He held it a crime against the children to educate them through the medium of foreign language.

86. Which of the following is the first step towards the progress of a nation?
(1) Promotion of national language
(2) Achievement of independence
(3) Educating the children through the medium of national language
(4) Having a foreign language as the official language

87. 'To fight tooth and nail' means
(1) to oppose
(2) to do a work with all possible ideas
(3) to fight with every possible effort
(4) to retain English as the official language

88. Which of the following represents Gandhiji's views on the education of children through foreign language?
(1) Nothing could be done as there was no national language
(2) It was necessary for the moral development of the nation
(3) It was necessary step to develop relations with other countries
(4) It was not the right act

89. Which of the following is true in context of the given passage?
(1) English should be made the national language
(2) Non-Hindi speaking people should fight for one of their own languages to be declared as the official language
(3) Gandhiji laid more stress on having a national language than on achieving independence
(4) Gandhiji was of the opinion that children should be educated through the medium of national language

90. In this passage, Author light upon the
(1) National Language
(2) Foreign Language
(3) Proffesional Language
(4) None of the above

Directions (Q.Nos. 91-95) *Find out the part which has an error in the following sentences. If there is no error, the answer is (4).*

91. Hardly had the children (1)/left the school (2)/than it began to rain. (3)/No error (4)

92. Because he is physically strong (1)/therefore he was selected (2)/for the school boxing team. (3)/No error (4)

93. The reason for (1)/his failure is because (2)/he did not work hard. (3)/No error (4)

94. Bharat asked him (1)/that which was the way (2)/ to the post office. (3) / No error (4)

95. All the boys (1)/returned back home (2)/well in time for lunch. (3)/No error (4)

Directions (Q.Nos. 96-100) *In each of the following questions, choose the proper order for the words to make a meaningful sentence.*

96. (A) know (B) some (C) his (D) I (E) of (F) friends
(1) DBAFCE   (2) CBEFAD
(3) DABECF   (4) BECFAD

97. (A) by (B) gone (C) he (D) now (E) will (F) have
(1) CFBAED   (2) CEFBAD
(3) BECFAD   (4) DCEFAB

98. (A) this (B) do (C) at (D) you (E) once (F) should
(1) DFBAGE   (2) DABFCE
(3) BACEDF   (4) AFDBCE

99. (A) know (B) I (C) her (D) about
(1) ABCD   (2) BADC   (3) DABC   (4) DCAB

100. (A) boy (B) my (C) stolen (D) was
(1) ABCD   (2) BCAD   (3) BADC   (4) DACB