SAMPLE PAPER-01

MENTAL ABILITY TEST

Direction (Q.1 to Q.7) : Each question has four terms. Three terms are alike in some way. One terms in different from three others. Find out the correct terms which is different from three others and write its alternative number on your answer sheet against the proper question number

1. (1) B-8   (2) J-1000

     (3) G-343   (4) K-1333

2. (1) Steel   (2) Brass

     (3) Mercury   (4) Copper

3. (1) DGJM   (2) KOSW

     (3) BEHK   (4) ILOR

4.

5.

6.

7.
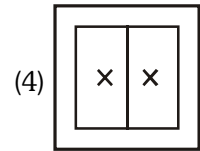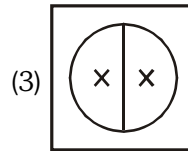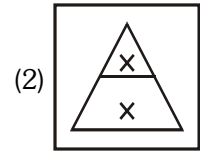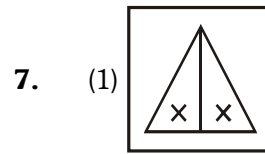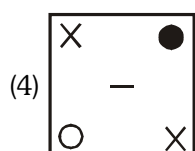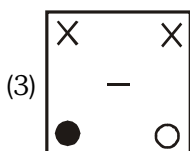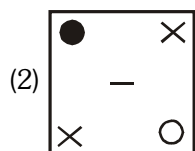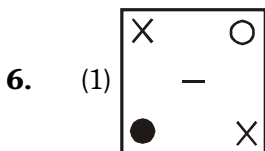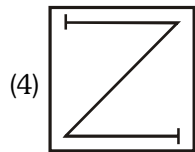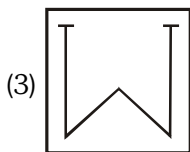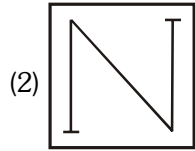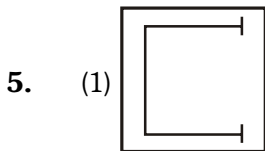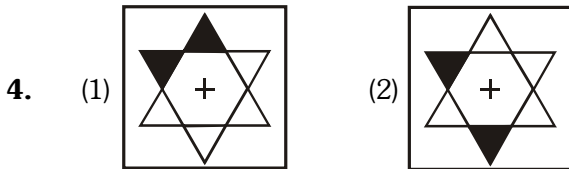
Direction (Q.8 to Q.14) : There are four terms in each question. The term right to the symbol : : have same relationship as the two terms of the left of symbol : : out of the four terms one terms is missing which is shown by (?) and which is one of the four alternatives given below. Find out the correct alternative and write its number against the corresponding question on your answer sheet-

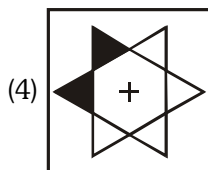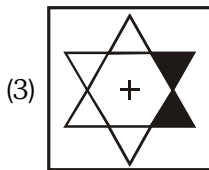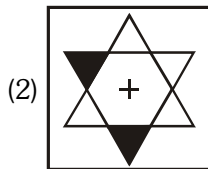**8.** Parliament : Great Britain : : Congress : ?

     (1) Canada

     (2) Japan

     (3) United States of America

     (4) South Korea

9. 6 : 222 : : 8 : ?

     (1) 520   (2) 596

     (3) 496   (4) 529

10. CEJP : FGMR : : FKRU : ?

     (1) HNVX   (2) JNXO

     (3) JMVY   (4) IMUW

11.

12.

(1)   (2)

(3)   (4)

13.

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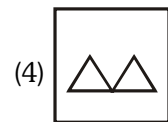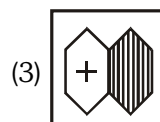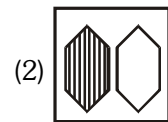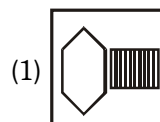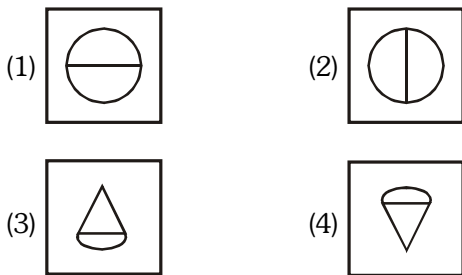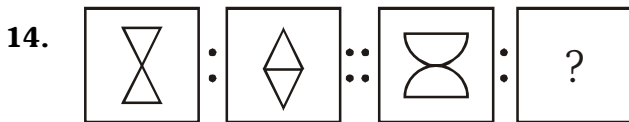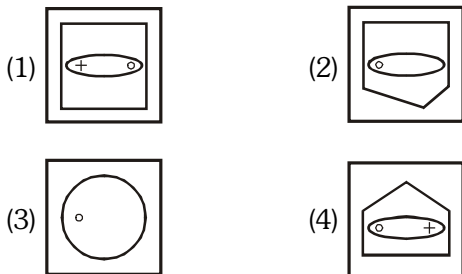
(3)   (4)

14.

(1)   (2)

(3)   (4)
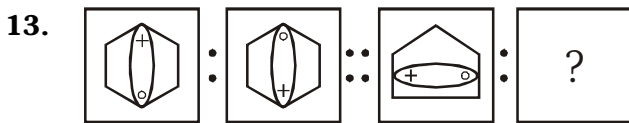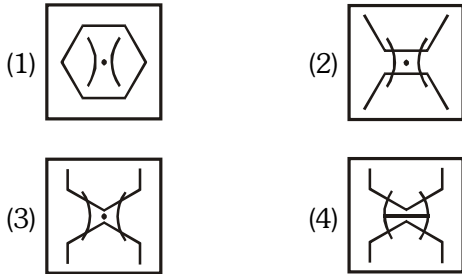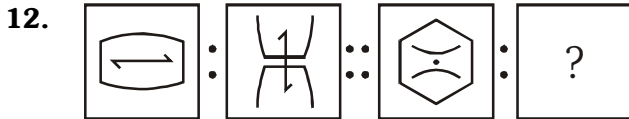
Direction (Q.15 to Q.17) : Question are base on number or letter series. One, two term is missing in each series and indicated by question mark (?) find out the missing term out of the four alternative given below and write its alternative number against the correct question number on your answer sheet

15. 2, 10, 30, 68, 130, ?

(1) 240   (2) 196   (3) 222   (4) 226

16. 6, 2, 12, 6, 20, 12, 30, 20, ?,?

(1) 49, 36   (2) 42, 30

(3) 36, 42   (4) 48, 54

17. 5, 34, 10, 51, 17, 68, 26, ?, ?

(1) 102, 39   (2) 76, 35

(3) 85, 37   (4) 35, 86

Direction (Q.18 to Q.21) : Question problem figures are given at the left hand side consisting four figures in a definite series and the place for fifth figure is vacant which has been shown by question mark (?). Four answer figure are given against each problem figure. Find out the correct answer figure and write its alternatives number against the proper question number on your answer sheet

18.

(1)   (2)

(3)   (4)

19.

(1)   (2)

(3)   (4)

20.

(1)   (2)

(3)   (4)
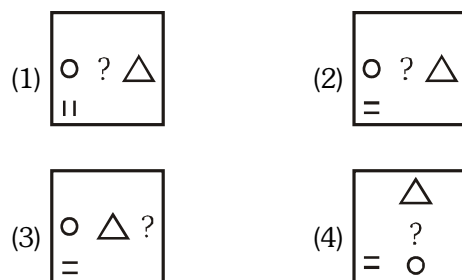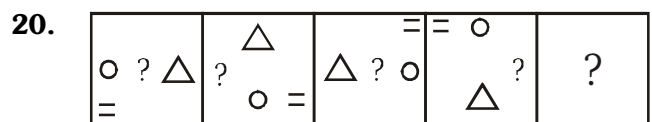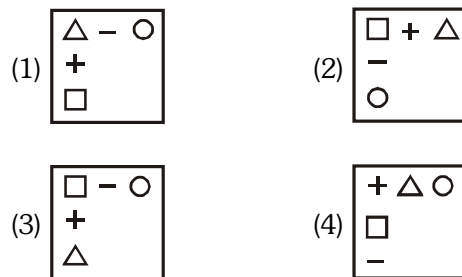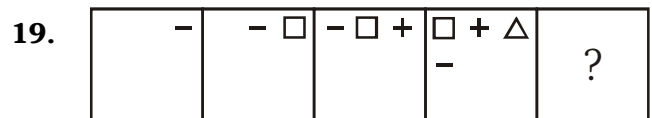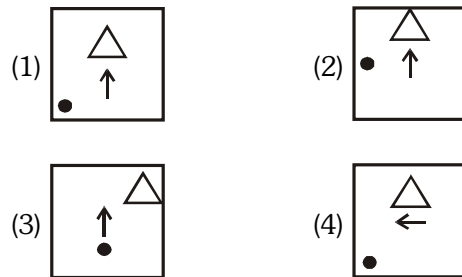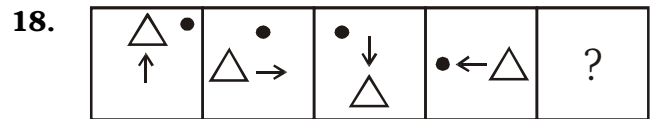
21.
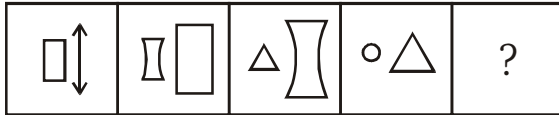
(1)

(2)

(3)

(4)

Direction (Q.22 to Q.25) : Question the letters in column-I are coded in the form of numbers. Which are written in column-II, but the order of numbers is different. Study the code of letters and find out the correct answer for each question from given four alternative and write its numbers. (alternative numbers) against the proper questions number on your answer sheet

Column-II	Column-II
EJP	325
REL	143
SOV	769
PRO	645
LOS	176

22. What will be code of OPR –

(1) 419   (2) 367   (3) 654   (4) 536

23. What will be code of SLV –

(1) 719   (2) 576   (3) 134   (4) 742

24. What will be code of EJL

(1) 763   (2) 541   (3) 179   (4) 321

25. What will be code of RES

(1) 176   (2) 437   (3) 941   (4) 275

26. If in a code language CLPT written as EOTY In the same code language FJNR will be written as –

(1) IMPW   (2) GLPV   (3) HMRW   (4) GNRX

27. If in a code language FLNS written as DGLP. In the same code language ILPV will be written as

(1) FIMS   (2) GGNS   (3) HJNR   (4) GHOP

28. If in a code language OMLC written as KJJB. In the same code language TJGE will be written as

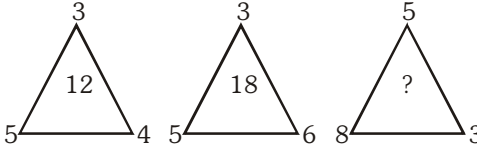(1) PGED   (2) OGFE   (3) RHFC   (4) SGDE

Direction (Q.29 to Q.33) : Question are based on letter series, In each question some letters are missing shown (–). The missing letter are given in a proper sequence as one of the four alternative given under each question. Find out the correct alternative and write its number against corresponding question number on your answer sheet
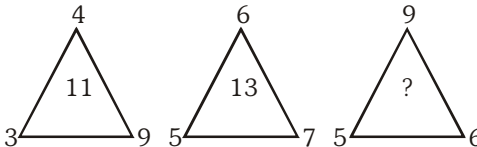
29. _ _ B_ TM_BA_MO_A_

(1) M T O B T A M   (2) M O A O T B T

(3) O A B T M O A   (4) T M O A B T M

30. _TP_N_P_ _ _PC

(1) C N P T N T   (2) N C P T C N

(3) P N T C P T   (4) N C T C N T

31. _L_C_LM_T _ _ _

(1) C T M C L M C   (2) M C T L M C T

(3) T M T C L M C   (4) T M L C T C L

32. K_C_ B_KB_

(1) B K C C   (2) C B K C

(3) B C K B   (4) B C K C

33. _ _C_BM_ _B_CK

(1) C M K B M K   (2) B C M K C M
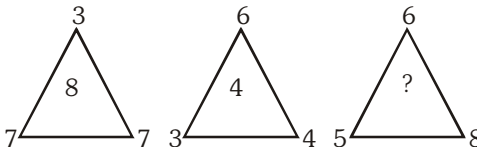
(3) B M K C K M   (4) C B M K B C

Direction (Q.34 to Q.38) : In question the equations have become wrong because of the wrong order of signs. Choose the correct order of signs from the four options give below so as to make the equations right. Write the alternative number of the correct option on the answer sheet against the corresponding question number –

34. $24 = 6 + 2 \div 6$

(1) $\div + =$ (2) $= \div +$ (3) $+ \div =$ (4) $\div = +$

35. $3 - 5 = 7 \times 8$

(1) $- \times =$ (2) $- \times$ (3) $= \times -$ (4) $\times - =$

36. $24 \div 6 = 2 + 6$

(1) $= + \div$ (2) $\div + =$ (3) $+ = \div$ (4) $+ \div =$

37. $6 + 4 = 5 \times 29$

(1) $+ \times =$ (2) $= + \times$ (3) $\times + =$ (4) $= \times +$

38. $17 + 7 - 3 = 13$

(1) $- + =$ (2) $+ = -$ (3) $- = +$ (4) $= - +$

Direction (Q.39 to Q.41) : In questions numbers are placed in figure on the basis of some rules. One place is vacant which is indicated as (?). Find out the correct alternative for the vacant place and write its number against the proper question number on your answer sheet.

39.

(1) 27　　　(2) 21　　　(3) 29　　　(4) 24

40.

(1) 21　　　(2) 26　　　(3) 15　　　(4) 19

41.

(1) 17　　　(2) 10　　　(3) 15　　　(4) 18

Direction (Q.42 to Q.44) : Each of the following questions has a group of the three words which are related to each other in some way. This relationship can be represented by one of the four figure alternative and write its number against the corresponding questions on your answer sheet
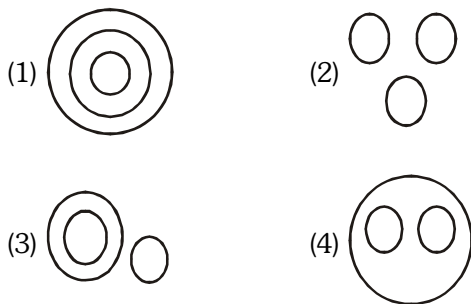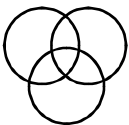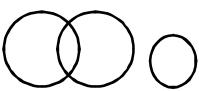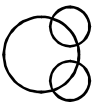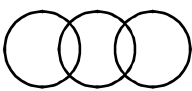

42. History, Physics, Psychology

(1) 3　　　(2) 4　　　(3) 1　　　(4) 2

43. Jharkhand, Ranchi, Nagpur

(1) 2　　　(2) 4　　　(3) 1　　　(4) 3

44. India, M.P., Bhopal

(1) 4　　　(2) 1　　　(3) 2　　　(4) 3

Direction (Q.45 to Q.47) : Question are based on information given below. Read the following information carefully and answer. The question given below. There are four alternative for each question. Find out the correct alternative and write its number on your answer sheet against the proper question number –

Information -
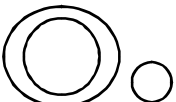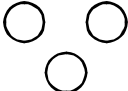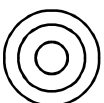
1. Radha went to school on Wednesday & Monday.

2. Suman did not go to school on Saturday.

3. Seeta went to school on Wednesday and Thursday.

4. Geeta did not go to school on Friday and Tuesday.

5. Reeta did not go to school on Tuesday, Saturday and Monday.

45. On which day all the girls went to school ?

(1) Monday　　　　　(2) Wednesday

(3) Saturday　　　　　(4) Tuesday

46. How many girls went to school on Thursday ?

(1) Two　　(2) Four　　(3) Three　　(4) One

47. Which of the girls did not go to school on Monday

(1) Radha - Suman　　　(2) Seeta - Reeta

(3) Geeta - Radha　　　(4) Suman - Seeta

48. Rohan ranks 7th from the top and 26th from the bottom in class. How many students are there in the Class ?

(1) 32　　(2) 33　　(3) 34　　(4) 27

49. Tarun is the father of Rohit. Rohit is the brother of Kala. Kala is the wife on Dilip. How Dilip is related to Rohit ?

(1) Uncle

(2) Brother in-law

(3) Father in-law

(4) Son

50. A man starts from his house walks 2 km. towards North. He turns right and walk 3 km. Then he turn left and travels 3 km. What is the direction he is facing ?

(1) East　　(2) West　　(3) North　　(4) South

ALLEN

Directions(Q.51 to Q.53): Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

51. A, CD, GHI, ?, UVWXY

   (1) KLMN   (2) LMNO

   (3) MNOP   (4) NOPQ

52. ADVENTURE, DVENTURE, DVENTUR, ?, VENTU

   (1) VENTUR   (2) VENTURE

   (3) DVENT   (4) DVENTU

53. UPI, ?, ODP, MBQ, IAW

   (1) SIJ   (2) SHJ   (3) RHJ   (4) TIJ

54. Which of the following diagrams indicates the relation between Judge, Thieves and Criminals ?

   (1)   (2)

   (3)   (4)

55. Which of the following diagrams indicates the relation between Iron, Lead and Nitrogen?

   (1)   (2)

   (3)   (4)

56. Which of the following diagrams indicates the relation between Bulb, Lamp and light ?

   (1)   (2)

   (3)   (4)

57. In the following figure, triangle represents 'girls', square, 'players' and circle, 'coach'. Which part of the diagram represents the girls who are players but not coach ?
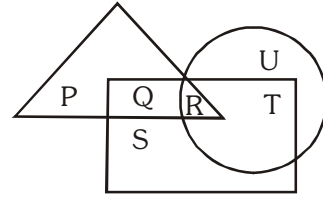
   (1) P   (2) Q   (3) R   (4) S

58. The diagram given below represents those students who play Cricket, Football and Kabaddi. Study the diagram and identify the students who play all three games.
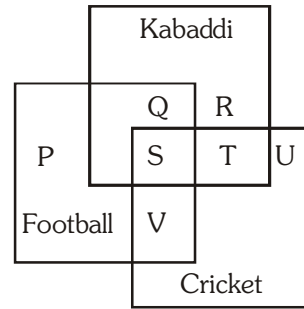
   (1) P + Q + R   (2) V + T
   (3) S + T + V   (4) S

Directions(Q.59 to Q.62): P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre:

   1. P is second to the right of T who is the neighbour of R and V.

   2. S is not the neighbour of P.

   3. V is the neighbour of U.

   4. Q is not between S and W, and W is not between U and S.

   Answer the questions from the above sitting arrangement.

59. Who two of the following are not neighbours ?
   (1) RV   (2) UV   (3) RP   (4) QW

60. Who is immediate right to the V ?
   (1) P   (2) U   (3) R   (4) T

61. Which of the following is correct ?
   (1) P is to the immediate right of Q
   (2) R is between U and V
   (3) Q is to the immediate left of W
   (4) U is netween W and S

62. What is the position of S ?

(1) Between U and V

(2) Second to the right of P

(3) To the immediate right of W

(4) Data inadequate

Directions(Q.63 to Q.66): Five girls are sitting on a bench to be photographed Seema is to the left of Rani and to the right of Bindu, Mary is to the right of Rani. Reeta is between Rani and Mary. Answer the questions from the above sitting arrangement.

63. Who is sitting immediate right to Reeta ?

(1) Bindu   (2) Rani

(3) Mary   (4) Seema

64. Who is in the middle of the photograph ?

(1) Bindu   (2) Rani

(3) Reeta   (4) Seema

65. Who is second from the right in the photograph ?

(1) Mary   (2) Rani

(3) Reeta   (4) Bindu

66. Who is second from the left in photograph ?

(1) Reeta   (2) Mary

(3) Bindu   (4) Seema

Directions(Q.67 to Q.69): Choose the word which is different from the rest.

67. (1) Producer   (2) Director

(3) Investor   (4) Financer

68. (1) Calendar   (2) Year

(3) Day   (4) Month

69. (1) Mumbai   (2) Cochin

(3) Kandla   (4) Mysore

70. If A + B means A is the father of B; A–B means A is the brother B; A % B means A is the wife of B and A ×B means A is the mother of B, which of the following shows that M is the maternal grandmother of T ?

(1) M × N % S + T   (2) M × N – S % T

(3) M × S – N % T   (4) M × N × S % T

71. 1. B5D means B is the father of D.

2. B9D means B is the sister of D.

3. B4D means B is the brother of D.

4. B3D means B is the wife of D.

Which of the following means F is the mother of K?

(1) F3M5K   (2) F5M3K

(3) F9M4N3K   (4) F3M5N3K

72. If POND is coded RSTL how is HEAR written in the code ?

(1) GHIJ   (2) JIGZ

(3) GHIZ   (4) None of these

73. If SPIDER is coded as PSDIRE, how is COMMON written in that code ?

(1) OCMMNO   (2) OCMMOO

(3) OCMOON   (4) OCMOMN

Directions (Q.74 to Q.76) : All the six members of a family A, B, C, D, E & F are staying together. B is the son of C but C is not the mother of B. A & C are married couple. E is the brother of C. D is the daughter of A. F is the brother of B.

74. How many male members are there in the family ?

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

75. Who is the mother of B ?

(1) D   (2) F   (3) A   (4) E

76. How many children does A have ?

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

77. Which digit will appear on the face opposite to the face with number 3 ?
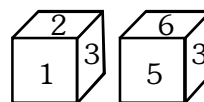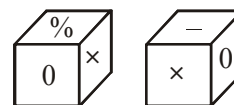

(1) 4   (2) 5   (3) 6   (4) 2

78. Which number is on the face opposite to 6 ?
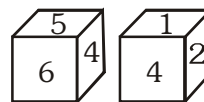
(1) 4   (2) 1   (3) 2   (4) 3

79. Which sign will be opposite to '+' ?

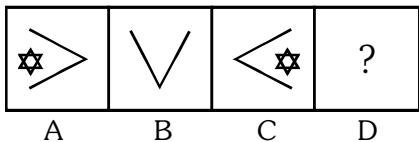(1) %   (2) –   (3) ×   (4) $

Directions(Q.80 to Q.87) : Find out the alternative which will replace the question mark.

80. AZBY : CXDW :: EVFU : ?

(1) GTHS   (2) GHTS   (3) GSTH   (4) TGSH

81. ZRYQ : KCJB :: PWOV : ?

(1) GBHA   (2) ISJT   (3) ELDK   (4) EOFP

82. Computer : fqprxvht :: Language : ?

(1) oxpixdig   (2) ocqicyig

(3) ocqixcjg   (4) ocqixcig

83. ACEG : ? :: BDFH : KMOQ

(1) NLPR   (2) LMNO

(3) JLNP   (4) JNLO

84. $M \times N : 13 \times 14 :: F \times R : ?$

(1) 14×15 (2) 5×17

(3) 6×18 (4) 7×19

85. Conference : Chairman :: Newspaper: ?

(1) Reporter   (2) Distributor

(3) Printer   (4) Editor

86. Problem figures
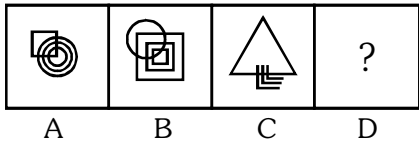
87. Problem Figures

88. Find the number of triangle in the figure below. Problem figure
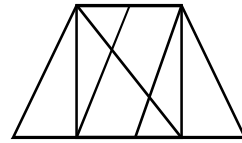
(1) 8   (2) 10   (3) 12   (4) 14

89. Find the minimum number of straight lines required to make the given figure.
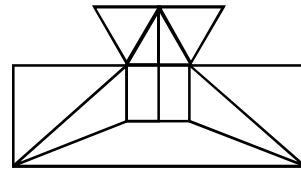
(1) 16   (2) 17   (3) 18   (4) 19

90. Count the number of squares in the given figure.
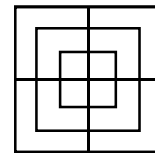
(1) 8   (2) 12   (3) 15   (4) 18

Direction (Q.91 & Q.92) : Find out the alternative figure which contains figure (x) as its part.

91.

92.
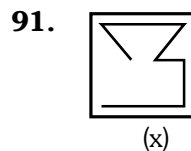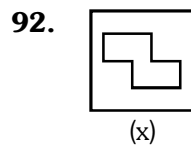
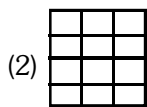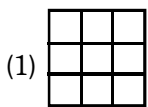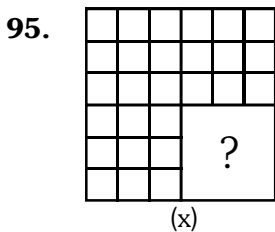**Directions(Q.93 & Q.94):** Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (x).

93.

(x)

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

94.

(x)

(1)
(2)
(3)
(4)
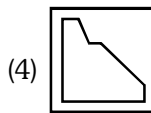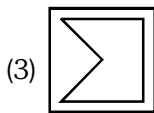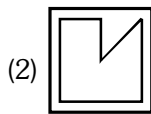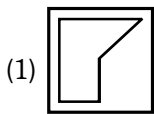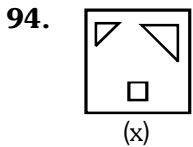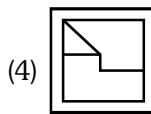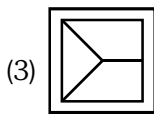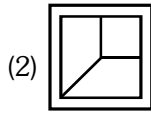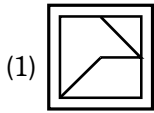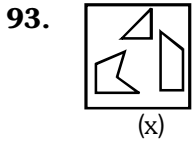
Directions(Q.95 to Q.98): Identify the figure that completes the pattern (x).

95.

(x)

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

96.

(x)

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

97.

(x)

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

98.

(x)

(1)
(2)
(3)
(4)
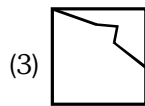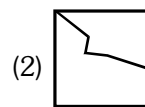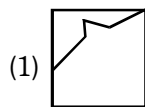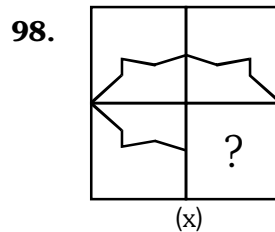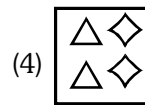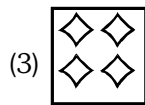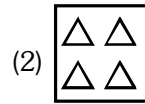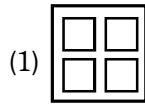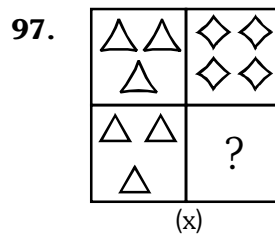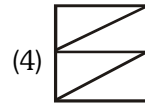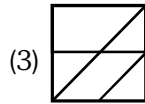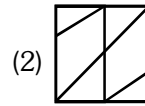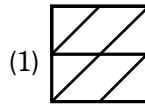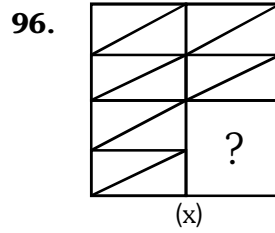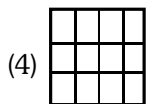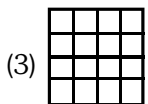
Directions(Q.99 & Q.100): In these series, there are both letter pattern and number pattern. Fill the blank in series.

99. ZA_5, Y_4B, XC_6, W_3D, ?

(1) E_7V (2) V_2E (3) VE_5 (4) VE_7

100. DEF, DEF_2, DE_2F_2, DE_2F_2, ?, $D_2E_2F_3$

(1) DEF_3 (2) D_3EF_3 (3) D_2E_3F (4) $D_2E_2F_2$