ALLEN

SAMPLE PAPER-01

1. In a certain code PARTICLE is written as USBQFMDJ, how is DOCUMENT written in that code?

   (1) VDEPUONF   (2) VDPENEUQ

   (3) VDPENFOU   (4) VDPEUOFN

2. If DIVINE is coded as AFSFKB, then POWERFUL is coded as

   (1) XLHOJVIM   (2) MLTBOCRI

   (3) MLWBOCRI   (4) HLTBNCRI

Directions(Q.3 & Q.4): Find the missing term (?).

3. 3, 4, 10, 33, 136, ?

   (1) 408   (2) 384   (3) 685   (4) 654

4. 0.4, 2.4, ?, 27.4, 114.6, 579

   (1) 6.4   (2) 4.2   (3) 8.3   (4) 7.8

5. Arrange the words in the meaningful order

   (a) Rainbow   (b) Rain

   (c) Sun   (d) Happy

   (e) Child

   (1) d, e, a, b, c   (2) d, b, c, e, a

   (3) b, c, a, e, d   (4) b, a, d, c, e

6. If by arranging the letters of the word 'NESTIN' the name of a game is formed. What is the last and first letter of the word so formed?

   (1) E, S   (2) N,T   (3) S,T   (4) E,N

7. A man goes 10 km due South, then it turns West and goes 5 km. Now it turns back and goes 10 km. Again it goes 10 km due North. Where is man from the starting point?

   (1) 5 km due East   (2) 5 km due North

   (3) 5 km due South   (4) 15 km due West

8. Noor starts from his house and walks 4 kms North, then 3 kms West then 8 kms South. How many Kilometres away from his home was he ?
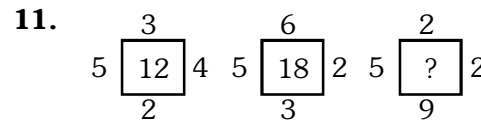
   (1) 6 kms   (2) 7 kms   (3) 5 kms   (4) 8 kms

9. Akhilesh is taller than Sheebu. Aman is not as tall as Akhilesh but is taller than Tejinder. Sheebu is also not as tall as Aman but is taller than Tejinder. Who is tallest ?

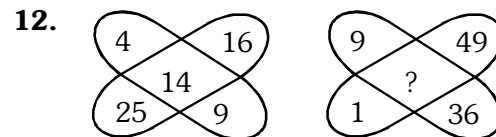   (1) Akhilesh   (2) Sheebu

   (3) Aman   (4) Tejinder

Directions(Q.10 to Q.12): What will come in place of question mark (?) in the following questions.

10.
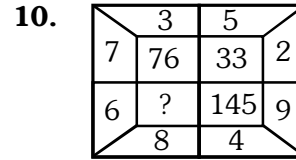
    (1) 482   (2) 382   (3) 290   (4) 280
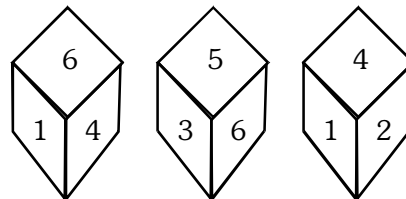
11.

    (1) 15   (2) 18   (3) 17   (4) 16

12.

    (1) 25   (2) 15   (3) 17   (4) 18

13. Three positions of a cube are given. Based on them find out which number is found opposite of number 2 in a given cube?

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

Directions(Q.14 & Q.15): Six faces of cube are painted in such a way that no two adjacent faces have the same colours. Three colours used are red, blue, green. Cube is cut into 36 Cubes, among which 32 are smaller and 4 are big cubes. No bigger cube has red colours.
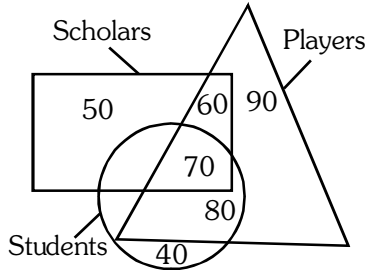
14. How many cubes have three faces painted?

    (1) 32   (2) 20   (3) 16   (4) 8

15. How many cubes are painted only on two faces ?

    (1) 20   (2) 16   (3) 28   (4) 12

Directions(Q.16 & Q.17): Study the following information and answer the questions.

Rectangle ⟶ Scholars
Circle ⟶ Students
Triangle ⟶ Players

16. How many players are students ?
(1) 90 (2) 40 (3) 80 (4) 70

17. How many scholars are players as well as students?
(1) 70 (2) 80 (3) 90 (4) 40

18. Pointing to Kamal, Gagan said 'his mother's brother is the father of my son Tinu. How is Kamal related to Gagan ?
(1) Father (2) Mother
(3) Nephew (4) Brother

Directions(Q.19 & Q.20): The letters are given below following a definite pattern, find out the missing letters to complete the pattern.

19. m_nm_n_an_a_ma_
(1) a m a m m n (2) a a m n a n
(3) a m m a n m (4) a a m m n n

20. p _ _ p _ _ p q r p _ r
(1) q r s t q (2) q q r r q
(3) q r q r q (4) q q r q r

21. A father is three times as old as his son. Five years ago he was four times as old as his son. Find the present age of the son.
(1) 12 years (2) 17 years
(3) 19 years (4) 15 years

22. If the 3rd of the month falls on Thursday. What day will be fourth after 22nd of the month?
(1) Saturday (2) Thursday
(3) Tuesday (4) Monday

23. Based upon the following statement what conclusion can be drawn answer as.
(1) If only Conclusion I follows
(2) If only Conclusion II follows
(3) If Conclusion either I or II follows
(4) If both Conlusion I & II follows.
Statement - All Elephants are Candles
All Candles are Monkeys
Conclusion -
I. All Candles are Elephants
II. All Elephants are Monkeys

Directions(Q.24 & Q.25): A and B are good in Mathematics, English and Biology. B and C are good in Biology and Physics. C and D are good in Physics and Chemistry. D and A are good in English, Mathematics and Chemistry.

24. Who is not good in Biology ?
(1) A (2) B (3) D (4) C

25. Who is good in English, Physics and Biology ?
(1) B (2) A (3) C (4) D

Directions(Q.26 & Q.27): In the following questions arrange the words as they occur in dictionary and choose the correct sequence.

26. (i) Ambitious (ii) Ambiguous
(iii) Ambiguity (iv) Animation
(v) Animals
(1) (iii), (ii), (i), (v), (iv) (2) (iii), (ii), (iv), (v), (i)
(3) (iii), (ii), (iv), (i), (v) (4) (iii), (ii), (v), (iv), (i)

27. (i) Continuation (ii) Contention
(iii) Contain (iv) Continuous
(v) Count
(1) (iii), (ii), (iv), (i), (v) (2) (iii), (ii), (iv), (v), (i)
(3) (iii), (i), (ii), (iv), (v) (4) (iii), (ii), (i), (iv), (v)

28. Which of the following Cubes can be created by folding the given figure?
Question figure
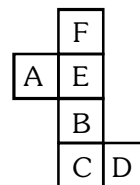
Answer figure

29. If 'white' is called 'blue', 'blue' is called 'red', 'red' is called 'yellow', 'yellow, is called 'green', 'green' is called 'black', 'black' is called 'orange'. What would be the colour of human blood ?

(1) Red (2) Green (3) Yellow (4) Orange

30. Five friends A, B, C, D and E are standing in row facing south but not necessarily in the same order. Only B is between A and E, C is immediate right to E and D is immediate left to A. On the basis of above information, which of the following statements is definitely true?

(1) B is to the left of A

(2) D is third to the left of E

(3) B is to the right of E

(4) A is second to the left of C

Directions(Q.31 to Q.35): In each of the following questions, there is a relationship between two letters/ word/number/figure on the left of the sign (: :), The same relationship exists between the two to right of the sign (: :) of which one is missing. Find out the missing from the alternatives.

31. NLO : RPS : : VTW : ?

(1) XVY   (2) VTR   (3) TRP   (4) VUW

32. BELL : AFKM : : DOOR : ?

(1) CNPQ   (2) ENPS   (3) EPNS   (4) CPNS

33. 68 : 130 : : ? : 350

(1) 240   (2) 222   (3) 216   (4) 210

34. Problem figures

35. Problem figures
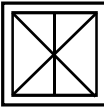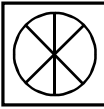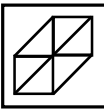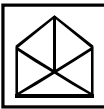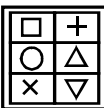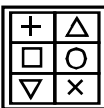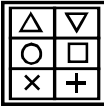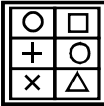
Direction(Q.36 to Q.39): In each of the following sets of numbers/figures, select the one that is different from rest.

36. (1) 400   (2) 484

     (3) 625   (4) 729

37. (1) 12-16   (2) 60-80

     (3) 30-50   (4) 36-48

38.

39.
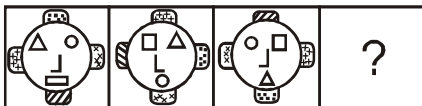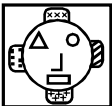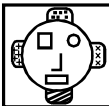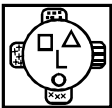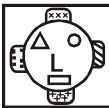
Directions(Q.40 & Q.41): The figure in each of the question follow a series, select the figure from the given alternatives which would continue the series.
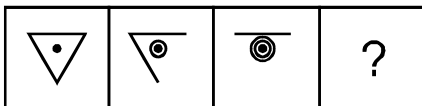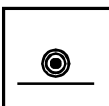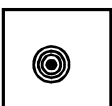
40. Question figures

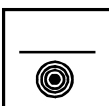**41.** Question figures
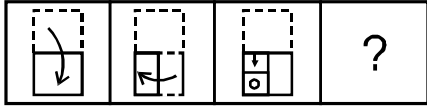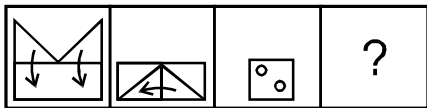
Directions(Q.42 & Q.43): In each of the following questions given paper has been folded as shown with dotted lines in the given figures and last figure shows how the paper has been cut. How could the paper look like when unfolded?

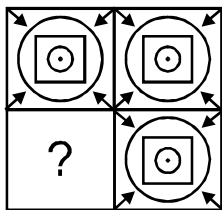**42.** Problem figures

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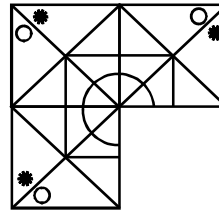
(3) (4)

43. Problem figures

(1) (2)

(3) (4)

Directions(Q. 44 & Q.45): Which answer figure will complete the pattern in question figure ?
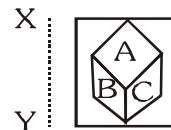
44.

(1) (2)

(3) (4)

45. Question Figure:

(1) (2)

(3) (4)

46. If a mirror is placed on the line (X Y) then which of the answer figures is the right image of the given figure.

Questions figure

(1) (2)

(3) (4)

47. If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given figure?

Questions figure

(1) (2)

(3) (4)

48. How many triangles are there is the following figure?
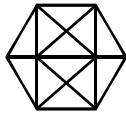
(1) 20   (2) 24   (3) 28   (4) 32

Directions(Q.49 & Q.50): In each question, choose the water Image of letters/numbers/figure from amongst the four alternatives given as 1, 2, 3 and 4.

49. N 4 t Q ¡ 3

(1) И ⫫ ⨍ ʘ ! 3   (2) И ⫫ ⨍ ʘ ! Ɛ

(3) И ⫫ ⨍ Ὀ ! 3   (4) И ⫫ ⫯ ʘ ! Ɛ

50.

(X)
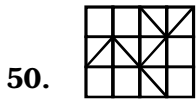
(1)   (2)

(3)   (4)

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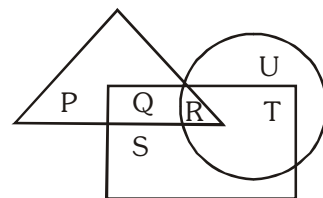
(1) P   (2) Q   (3) R   (4) S

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.
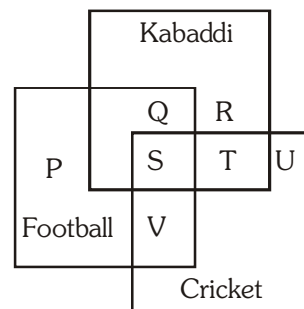
(1) P + Q + R   (2) V + T

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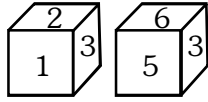
(1) 1   (2) 2   (3) 3   (4) 4

75. Who is the mother of B ?

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

76. How many children does A have ?
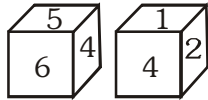
(1) 1   (2) 3   (3) 2   (4) 4

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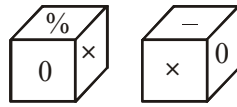

(1) 4　　(2) 5　　(3) 6　　(4) 2

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 '+' ?
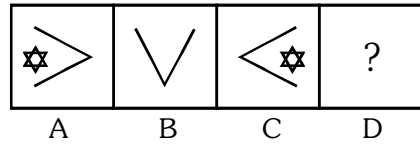

(1) %　　(2) −　　(3) ×　　(4) $

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 × N : 13 × 14 :: F × 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
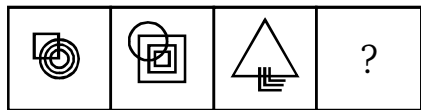
87. Problem Figures

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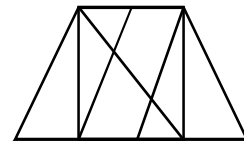
(1) 8　　(2) 10　　(3) 12　　(4) 14

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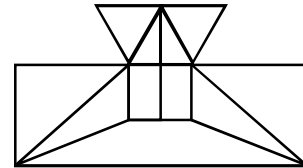
(1) 16　　(2) 17　　(3) 18　　(4) 19

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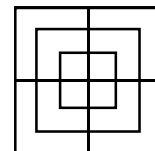
(1) 8　　(2) 12　　(3) 15　　(4) 18

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

91.

(x)

ALLEN

92.

(x)

(1)   (2)

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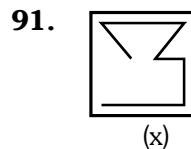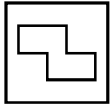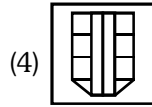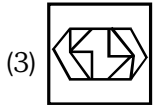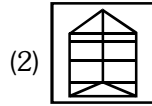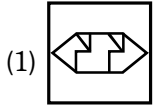
Directions(Q.93 & Q.94): Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (x).

93.

(x)
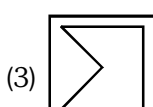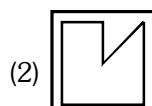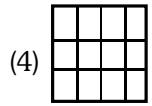
(1)   (2)

(3)   (4)

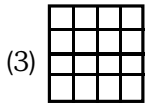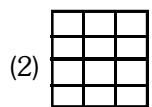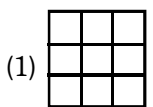**94.**

(x)

(1)   (2)

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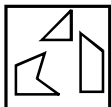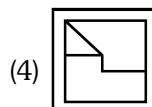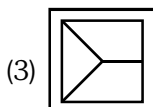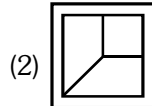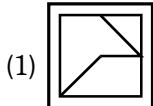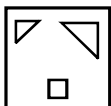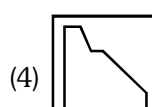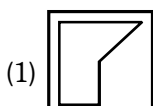
Directions(Q.95 to Q.98): Identify the figure that completes the pattern (x).
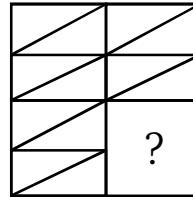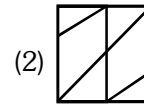
95.

(x)

(1)   (2)

(3)   (4)

96.

(x)

(1)   (2)

(3)   (4)

97.

(x)

(1)   (2)

(3)   (4)

98.

(x)

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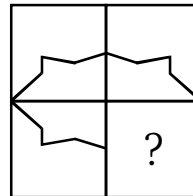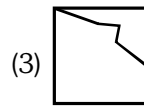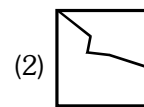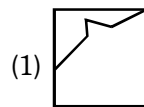
(3)   (4)
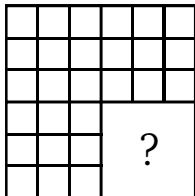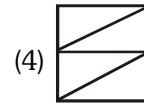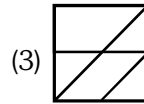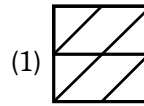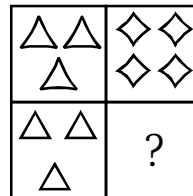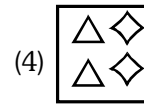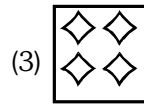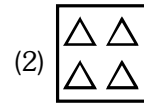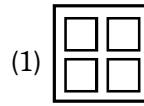
Directions(Q.99 & Q.100): In these series, there are both letter pattern and number pattern. Fill the blank in series.

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) $D_2E_2F_2$