

PART - a : GENERAL INTELLIGENCE

Directions : In questions no. 1 to 6, select the related letters/word from the given alternatives.

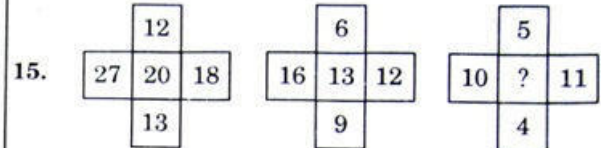
- Furniture : Bench :: Stationery : ?
(A) Godown (B) Office
(C) Pen (D) Chair
- Coal : Black diamond :: Petroleum : ?
(A) Liquid gold (B) White gold
(C) Solid gold (D) Black gold
- Poster : Wall :: Photograph : ?
(A) Negative (B) Frame
(C) Camera (D) Film
- AFKP : ZUPK :: BGLQ : ?
(A) ZVQM (B) WRMH
(C) XSNI (D) YTOJ
- Bees : Hum :: Owls : ?
(A) Hiss (B) Hoot
(C) Roar (D) Talk
- Confirmed : Inveterate :: Financial : ?
(A) Bankrupt (B) Knot
(C) Callow (D) Incredible

Directions : In questions no. 7 to 14, find the odd number/word/number pair from the given alternatives.

- 37, 45, 49, 65, 79
(A) 49 (B) 65
(C) 37 (D) 45
- (A) Buddhism (B) Jainism
(C) Hinduism (D) Communism
- (A) Lion (B) Bear
(C) Elephant (D) Tiger
- (A) Andhra Pradesh
(B) Kerala
(C) Lakshadweep
(D) Tamil Nadu
- (A) School (B) Education
(C) College (D) Kindergarten
- (A) 42 - 29 (B) 47 - 59
(C) 73 - 61 (D) 57 - 69

- (A) Air India (B) Indigo
(C) SpiceJet (D) Kingfisher
- (A) 112 (B) 433
(C) 500 (D) 413

Directions : In questions no. 15 to 17, select the missing number from the given responses.



- (A) 8 (B) 13
(C) 9 (D) 12
16.

5	2	7
?	3	1
4	5	2
15	7	13

 (A) 9 (B) 7
(C) 1 (D) 5
17.

48	12
25	5

64	16
81	9

?	15
49	7

(A) 30 (B) 90
(C) 75 (D) 60
18. The sum of a number and its reciprocal $\frac{17}{4}$. Find the numbers.
(A) 3, $\frac{1}{3}$ (B) 5, $\frac{1}{5}$
(C) 2, $\frac{1}{2}$ (D) 4, $\frac{1}{4}$
19. Which one of the four interchanges in sign and numbers would make the given equation correct?
 $6 \times 4 + 2 = 16$
(A) + and \times , 2 and 4
(B) + and \times , 4 and 6
(C) + and \times and 4
(D) None of these

Directions : In questions no. 20 to 22, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

20. 6, 24, 12, ?, 18, 8, 24, 0

- (A) 16 (B) 20
(C) 14 (D) 18

21. SFJ, RGK, QHL, ?

- (A) PIM (B) PKL
(C) EMD (D) VIJ

22. 5, 22, 107, ?, 2657

- (A) 728 (B) 532
(C) 230 (D) 1627

23. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

E _ GF _ E _ FGF _ E

- (A) FEGG (B) FGEG
(C) EGFG (D) GFEF

24. Which word will appear third in the dictionary ?

- (A) Paralyse (B) Parallelism
(C) Paralysis (D) Paralytic

25. Arrange the following Indian Nobel Prize winners in chronological order :

1. Amartya Sen
2. Mother Teresa
3. Rabindranath Tagore
4. Venkatraman Ramakrishna
5. Sir C.V. Raman

- (A) 3, 4, 1, 2, 5 (B) 3, 5, 2, 4, 1
(C) 3, 5, 2, 1, 4 (D) 3, 2, 5, 4, 1

Directions : In questions no. 26 and 27, find out the missing letters in the series.

26. a, k, e, o, i, s, , , q, a, u, e

- (A) l, w (B) m, w
(C) l, v (D) m, v

27. B₂CD, , BCD₄, B₅CD, BC₆D

- (A) BC₃D (B) BCD₇
(C) B₂CD (D) BCD₂

28. In a certain code, P is #, A is %, C is φ and E is @. How is 'PACE' written in that code ?

- (A) #%φ@ (B) %@#φ
(C) #φ#% (D) φ%@%φ

29. If 'ACTOR' is coded as 'ZXGLI', and 'BOOK' is coded as 'YLLP', then 'PENCIL' will be coded as

- (A) KZIXDG (B) KVMXOR
(C) KVMXRO (D) KUMRXO

30. If 1986 is coded as $\wedge \circ \Delta >$ and 2345 as $+ \times \diamond \square$, then $\Delta > \square \times + \diamond$ will be the code for

- (A) 864325 (B) 869243 8C5
(C) 865324 (D) 896542

31. Find the *wrong* number in the series.

44, 38, 35, 37, 48, 76, 135

- (A) 76 (B) 135
(C) 35 (D) 37

32. From the given alternatives, select the word which *cannot* be formed using the letters of the given word.

HALLUCINATION

- (A) NATION (B) LOTION
(C) LION (D) LOAN

33. If MILITARY can be written as 12324567, how can LIMIT be written in that code ?

- (A) 12324 (B) 42125
(C) 32124 (D) 42123

34. In a certain code, 'R' is '%', 'E' is '#', 'D' is '@' and 'A' is 'Δ'. How is 'DARE' written in that code ?

- (A) #%Δ@ (B) %Δ#@
(C) @%Δ# (D) @Δ%#

35. If 5472 = 18, 6342 = 15 and 7584 = 24, then 9236 = ?

- (A) 20 (B) 21
(C) 18 (D) 19

Directions : In questions no. 36 and 37, one/two statements are given followed by two conclusions I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

36. Statements :

1. Reading is a good hobby.
2. In order to use leisure time wisely, one can engage in hobbies.

Conclusions :

- I. Generally wise people will select reading as a hobby.
- II. Reading can be used as one of the leisure time hobbies.

- (A) Neither conclusion I nor II follows
- (B) Both conclusions I and II follow
- (C) Only conclusion I follows
- (D) Only conclusion II follows

37. Statement :

Self-discipline is the key for order in the society.

Conclusions :

- I. Disturbances in the society are due to people without self-discipline.
- II. There is nobody with self-discipline in the society.

- (A) Only conclusion I follows
- (B) Only conclusion II follows
- (C) Both conclusions I and II follow
- (D) Neither conclusion I nor II follows

38. How many times is 9 preceded by either 6 or 1 and followed by either 5 or 8 in the following series ?

895176982198435913695

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

39. The equation is solved on the basis of a certain system. Find out the correct answer for the unsolved equation on that basis.

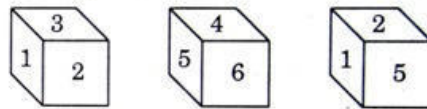
$$9 \times 6 \times 2 = 269, \quad 8 \times 6 \times 5 = 568, \\ 5 \times 4 \times 1 = ?$$

- (A) 201
- (B) 451
- (C) 145
- (D) 415

40. Four kids P, Q, R and S are up on the ladder. P is further up the ladder than Q. Q is between P and R. If S is further up than P, who is the third from the bottom ?

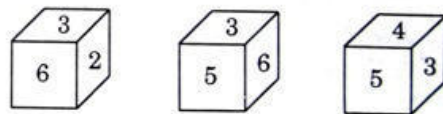
- (A) P
- (B) S
- (C) Q
- (D) R

41. Study the following figures and find out the number opposite to 3.



- (A) 5
- (B) 2
- (C) 6
- (D) 4

42. Study the following figures and find out the number opposite to 2.



- (A) 5
- (B) 6
- (C) 1
- (D) 4

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

- (A) Son
- (B) Uncle
- (C) Brother-in-law
- (D) Father-in-law

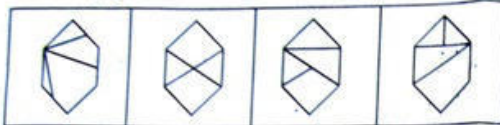


44. Identify the answer figure from which the pieces given in the question figure have been cut.

Question figure :



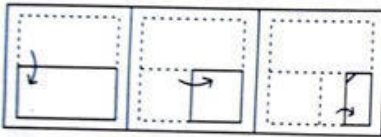
Answer figures :



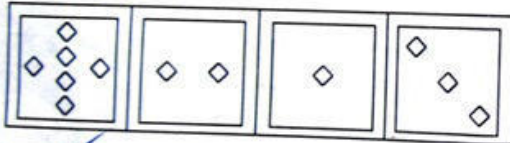
(A) (B) (C) (D)

45. A square sheet of paper has been folded and punched as shown by the question figures. Which one of the answer figures shows the appearance of the paper when opened ?

Question figures :

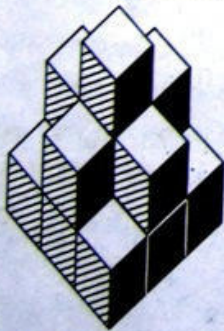


Answer figures :



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

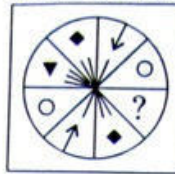
46. How many cubes are unseen in the figure ?



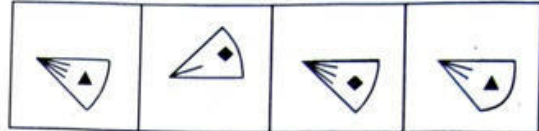
(A) 10
(B) 15
(C) 5
(D) 6

47. Which answer figure will complete the pattern in the question figure ?

Question figure :



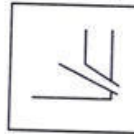
Answer figures :



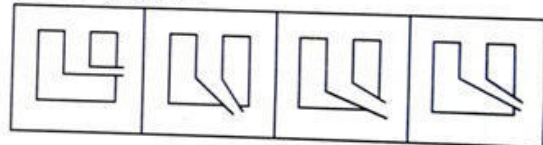
(A) (B) (C) (D)

48. Select the answer figure in which the question figure is hidden.

Question figure :

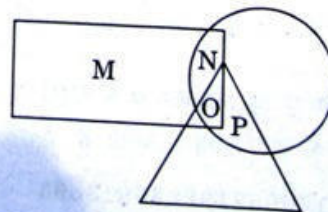


Answer figures :



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

49. In the following diagram, rectangle represents people who read English newspaper, circle represents urban, and triangle represents people who read Kannada newspaper. Which region represents non-urban people who read English newspaper ?



(A) P
(B) O
(C) N
(D) M

50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented *first by its row and next by its column*, e.g., C can be represented by 14, 21, etc., and K can be represented by 76, 88, etc. Similarly, you have to identify the set for the word JADE.

MATRIX I

	0	1	2	3	4
0	A	B	C	D	E
1	D	E	A	B	C
2	B	C	D	E	A
3	E	A	B	C	D
4	C	D	E	A	B

MATRIX II

	5	6	7	8	9
5	I	J	K	L	M
6	L	M	I	J	K
7	J	K	L	M	I
8	M	I	J	K	L
9	K	L	M	I	J

- (A) 75, 43, 10, 23
 (B) 75, 42, 10, 23
 (C) 87, 43, 33, 42
 (D) 85, 43, 22, 30

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Directions : In questions no. 42 to 44, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

42. Select the one which is different from the other three responses.
 (A) RESPECT (B) PARITY
 (C) MANNER (D) ATTIRE
43. If the value of A is 3, that of B its square, that of C the square of B's value and so on, what is the value of D ?
 (A) 6561 (B) 6787
 (C) 8661 (D) 9261

44. Find out one *wrong* number in the series.

3, 5, 12, 39, 154, 772, 4634

- (A) 39 (B) 154
 (C) 5 (D) 12

45. P is the father of Q, who is the brother of R. H is the daughter of M, who is the wife of P. How is P related to H ?

- (A) Brother (B) Uncle
 (C) Daughter (D) Father

46. Find the odd one.

- a. Week b. Day
 c. Month d. Time
 e. Year

- (A) a (B) d
 (C) b (D) c

47. The average age of a husband and wife who were married 6 years ago was 20 years then. The average age of the family including the husband, the wife and the child which was born during the interval is 18 years now. How old is the child now ?

- (A) 6 years (B) 2 years
 (C) 14 years (D) 12 years

48. mn, nop, op, pqr, qr, ?

- (A) qrs (B) st
 (C) rst (D) stu

49. 31 (CAGE) 75

89 (?) 45

- (A) HIDE (B) HILL
 (C) CALL (D) SAFE

50. YZWXUVSTQROP ?

- (A) NO (B) MO
 (C) ON (D) MN

