

PART -I
GENERAL INTELLIGENCE

Directions (1-9): In each of the following questions, select the related word/letters/ number from the given alternatives.

1. Necklace: Adornment: :?
(a) Medal : Decoration (b) Bronze : Medal
(c) Scarf : Dress (d) Window : House
2. AL : CN :: DA : ?
(a) BL (b) AA
(c) HR (d) FC
3. ABC : ZYX :: CBA : ?
(a) XYZ (b) BCA
(c) YZX (d) XZY
4. AZBY : ZAYB :: CXDW : ?
(a) AYBZ (b) EVFU
(c) BYAZ (d) XCWD
5. 25:81 :: 36: ?
(a) 121 (b) 93
(c) 65 (d) 103
6. Black : White: : up : ?
(a) Opposite (b) Disappointment
(c) Wall (d) Down
7. Book : Author: : Statue : ?
(a) Mason (b) Painter
(c) Sculptor (d) Calligrapher
8. 292: 146: : 582 : ?
(a) 272 (b) 286
(c) 291 (d) 292
9. 6:18::4: ?
(a) 10 (b) 8
(c) 6 (d) 4

Directions (10-18): In each of the following questions, select the one which is different from the other three responses

10. (a) Eye (2) Hand
(c) Nose (d) Ear
11. (a) A (b) O
(c) I (d) N
12. (a) MNP (b) PQS
(c) WXZ (d) GHK
13. (a) 4 (b) 25
(c) 146 (d) 625
14. (a) 32-42 (b) 48-58
(c) 96-106 (d) 86-78
15. (a) Grapes (b) Pomegranate
(c) Cardamom (d) Mango
16. (a) water (b) pool
(c) lake (d) pond
17. (a) 58-85 (b) 96-69
(c) 38-83 (d) 47-73
18. (a) DABC (b) PMNO
(c) ZWXY (d) IDEF
19. Arrange the following words according to English Dictionary.
(a) slunk (b) slung
(c) slump (d) slum
(a) (d), (c), (b), (a) (b) (c), (b), (d), (a)
(c) (c), (a), (d), (b) (d) (a), (b), (c), (d)

Directions (20-21): In each of the following questions, which one of the given responses would be a meaningful order of the following words in ascending order ?

20. (a) Plant (b) Food
(c) Seed (d) Leaf
(e) fruit

- (a) (e), (d), (c), (b), (a) (b) (c), (b), (d), (e), (a)
 (c) (c), (a), (d), (e), (b) (d) (a), (c), (e), (d), (b)
21. (a) Gold (b) Silver
 (c) Platinum (d) Diamond
 (a) (d), (a), (b), (c) (b) (c), (d), (a), (b)
 (c) (b), (a), (c), (d) (d) (a), (b), (c), (d)

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

d _ n _ _ _ nndm n
 (a) ndmmm (b) mdn̄mn
 (c) mndmn (d) dmmnm

Directions (23-26): In each of the following questions, choose the correct alternative from the given ones that will complete the series.

23. 9,16, 25, 36, ?, 64
 (a) 56 (b) 49
 (c) 80 (d) 72
24. 3,5,8,13,21,34,55,?.
 (a) 34 (b) 55
 (c) 21 (d) 89
25. AZBY C ??
 (a) XD (b) WE
 (c) DX (d) EW
26. YXW, UTS, QPO, MLK, ?
 (a) LMN (b) JIH
 (c) KJI (d) IHG
27. Find the wrong number in the given series.
 4131, 1377, 461, 153, 51
 (a) 461 (b) 153
 (c) 1377 (d) 51
28. A prisoner introduced a boy who came to visit him to the jailor as "Brothers and sisters I have none, he is my father's son's son". Who is the boy ?
 (a) Nephew (b) Son
 (c) Cousin (d) Uncle
29. A group of alphabets are given with each being assigned a number. These have to be unscrambled into a meaningful word and correct order of letters may be indicated from the given responses.

U M E R N B
 1 2 3 4 5 6
 (a) 5,1,2,6,3,4 (b) 2,3,4,5,1,6
 (c) 3,4,2,5,6,1 (d) 5,6,1,3,4,2

30. If 'LIBERALIZATION' is coded as 34256134918470, then 'AERATION' can be coded as
 (a) 15168470 (b) 15186471
 (c) 15618470 (d) 51618471
31. 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 the tallest?
 (a) Akhilesh (b) Sheebu
 (c) Aman (d) Tejinder

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

EMBOSSMENT

(a) BOSS (b) TOMB
 (c) STEM (d) MATS

33. Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the un-solved equation

$$6 \times 8 \times 2 = 268, 1 \times 2 \times 3 = 312, 9 \times 7 \times 5 = ?$$

(a) 957 (b) 579
 (c) 795 (d) 597

34. Select the correct combination of mathematical signs to replace * signs and to balance the given equation.

$$4 * 6 * 6 * 2 * 20$$

(a) + ÷ = ÷ (b) × - + =
 (c) + - = ÷ (d) - + = ÷

35. If REPUBLIC can be written as CRIELPBU, then how CUL-CUTTA can be written ?

(a) ACTUTLUC (b) UEPUEAA
 (c) NHENHJJS (d) ATTUCLUC

36. Which of the following inter-change of signs would make the given equation correct ?

$$(12 \div 6) + 3 \times 7 = 42$$

(a) ÷ and × (b) 6 and 7
 (c) + and + (d) 12 and 3

Directions (37- 38): In each the following questions, select e missing number from the given ponses.

37. 14 22 37
 04 06 03
 05 03 05
 61 135 ?

- (a) 120 (b) 112
 (c) 116 (d) 555

38. 64 25 81
 36 49 16
 14 12 ?

- (a) 13 (b) 26
 (c) 97 (d) 15

39. Raman starts walking in the morning facing the Sun. After sometime, he turned to the left. Later again he turned to his left. At what direction is Raman moving now ?

- (a) East (b) West
 (c) South (d) North

40. Mohan travelled from point 'A' straight to 'B' at a distance of 8 m. He turned right and walked 4m, again turned to his right and walked 8 m. Finally he turned to his right and walked 3 m. How far he was from his starting point?

- (a) 8m (b) 3m
 (c) 1 m (d) 4 m

41. Two statements are given followed by four conclusions 1,11, and IV. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions, if any, follow from the given statements. Indicate your answer.

Statements

1. All dogs are books
2. All books are pictures.

Conclusion

- I. All dogs are pictures.
- II. All books are dogs.
- III. All pictures are dogs.
- IV. Some pictures are books.

- (a) Only I and IV follow
 (b) Only II and III follow
 (c) Either II or III follows
 (d) Either II or IV follows

42. One statement is 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 are to decide which of the given conclusions if any, follow from the given statement Indicate your answer.

Statement

Metals expand when heated.

Conclusions

- I. Non-metals do not expand when heated.
- II. All things which expand when heated, are metals.

- (a) Only conclusion I follows.
 (b) Only conclusion II follows.
 (c) Both conclusions I and II follow
 (d) Neither conclusion I nor II follow

43. Six friends A, B, C, D, E and F are sitting in a row facing East, 'C' is between Wand 'E', 'B' is just to the right of 'E' but left of 'D', 'F' is not at the right end. Who is between 'B' and 'C' ?

- (a) A (b) D
 (c) E (d) F

44. A solid cube of 4 inches has been painted Red, Green, and Black on pair of opposite faces. It has been cut into one inch cubes. How many cubes have only one face painted that too only red ?

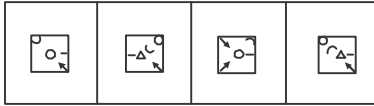
- (a) 4 (b) 8
 (c) 16 (d) 24

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

Question Figure



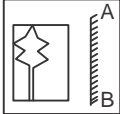
Answer Figures



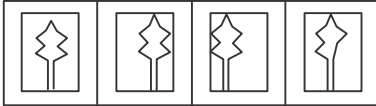
(a) (b) (c) (d)

46. Which of the answer figures is exactly the mirror image of the given figure, when the mirror is held on the line AB?

Question Figure



Answer figures



(a) (b) (c) (d)

47. Which one of the following diagrams best depicts the relationship among Fishes, Snakes and Birds



48. 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. : 'F' can be represented by 01, 13, 32, etc. and 'N' can be represented by 57, 69, 95, etc. Identify the set for the word PEN.

MATRIX - I

	0	1	2	3	4
0	E	F	G	H	I
1	H	I	E	F	G
2	F	G	H	I	E
3	I	E	F	G	H
4	G	H	I	E	F

MATRIX - II

	5	6	7	8	9
5	L	M	N	O	P
6	O	P	L	M	N
7	M	N	O	P	L
8	P	L	M	N	O
9	N	O	P	L	M

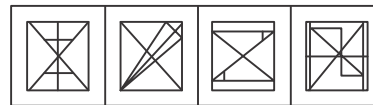
- (a) 66, 30, 95 (b) 85, 00, 95
(c) 86, 00, 95 (d) 65, 00, 95

49. Select the answer figure in which the question figure is hidden/ embedded.

Question Figures



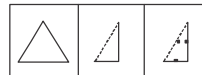
Answer Figures



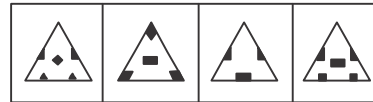
(a) (b) (c) (d)

50. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will paper when opened?

Question Figures



Answer figures



(a) (b) (c) (d)

ANSWERS

1. (a)	2. (d)	3. (a)	4. (d)	5. (a)	6. (d)	7. (c)	8. (c)	9. (b)	10. (b)
11. (d)	12. (d)	13. (c)	14. (d)	15. (c)	16. (a)	17. (d)	18. (d)	19. (a)	20. (ac)
21. (c)	22. (c)	23. (b)	24. (d)	25. (a)	26. (d)	27. (a)	28. (b)	29. (a)	30. (c)
31.(a)	32. (d)	33. (d)	34. (b)	35. (a)	36. (c)	37. (c)	38. (a)	39. (b)	40. (c)
41. (a)	42. (a)	43. (c)	44. (b)	45. (d)	46. (b)	47. (d)	48. (b)	49.(c)	50. (d)

