

PART - I

GENERAL INTELLIGENCE

Directions : In question nos. 1 to 9, select the related word/letters/number from the given alternatives.

1. Defy : Obey :: Rest : ?
(A) Lazy (B) Idle
(C) Labour (D) Work
2. Water : Swim :: Land : ?
(A) Walk (B) Stand
(C) Sit (D) Move
3. Patient : Doctor :: ?
(A) Student : Advisor
(B) Scissor : Iron
(C) Apple : Knife
(D) Nurse : Surgeon
4. AN : BO :: CP : ?
(A) DQ (B) FS
(C) DS (D) FQ
5. DDW : ECV :: FBU : ?
(A) GAW (B) GAV
(C) VAG (D) GAT
6. BCDZ : CDEV :: DEFT : ?
(A) FFGQ (B) EGFR
(C) EFGP (D) EFGS
7. 196 : 169 :: 81 : ?
(A) 64 (B) 72
(C) 100 (D) 144
8. 30 : ? :: 130 : 222
(A) 30 (B) 40
(C) 66 (D) 68
9. 4, 16, 4 : 2, 4, 2 :: ? : 3, 9, 3
(A) 6, 9, 6 (B) 9, 81, 9
(C) 9, 27, 9 (D) 9, 18, 9

Directions : In question nos. 10 to 18, select the one which is different from the other three responses.

10. (A) Pen (B) Crayon
(C) Eraser (D) Pencil
11. (A) Moon (B) Mars
(C) Venus (D) Jupiter
12. (A) Democracy (B) Parliament
(C) Uncivil (D) Election
13. (A) B (B) C
(C) D (D) E
14. (A) EBD (B) IFH
(C) QNO (D) YVX
15. (A) QRST (B) BECD
(C) FIGH (D) LOMN
16. (A) 10 (B) 26
(C) 24 (D) 21
17. (A) 22 - 30 (B) 44 - 36
(C) 52 - 62 (D) 77 - 85
18. (A) 78 - 87 (B) 49 - 94
(C) 96 - 68 (D) 56 - 65

Directions : Arrange the following words according to English Dictionary.

1. Banal 2. Banana 3. Banish
4. Bandage 5. Bandit
- (A) 1, 3, 2, 4, 5 (B) 1, 2, 4, 3, 5
(C) 1, 2, 4, 5, 3 (D) 1, 3, 2, 5, 4

Directions : In question nos. 20 and 21, which one of the given responses would be a meaningful order of the following words in ascending order ?

20. 1. Atomic Age 2. Metallic Age
3. Stone Age 4. Alloy Age
(A) 1, 3, 4, 2 ✓(B) 3, 2, 4, 1
(C) 2, 3, 1, 4 (D) 4, 3, 2, 1

21. 1. Cure 2. Doctor 3. Disease
4. Diagnosis 5. Medicine
(A) 2, 4, 3, 5, 1 ✓(B) 3, 2, 4, 5, 1
(C) 4, 2, 3, 5, 1 (D) 4, 3, 2, 1, 5

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

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

Directions : In question nos. 23 to 26, a series is given, with one/two term missing. Choose the correct alternative from the given ones that will complete the series.

23. Y, S, U, O, Q, ? ?
(A) N O (B) L M
(C) J K (D) H I
24. EAC, GCE, IEG, ?
(A) JHI ✓(B) KGI
(C) JGI (D) KIJ
25. 1, 9, 25, ?, 81
(A) 36 ✓(B) 49
(C) 64 (D) 28
26. 3, 6, 12, 21, ?, 48
(A) 31 ✓(B) 33
(C) 34 (D) 38
27. Find the wrong number in the given series.
3, 6, 11, 16, 27, 38.
(A) 6 (B) 38
✓(C) 16 (D) 27

28. Showing a man a woman said, "his brother's father is the only son of my grandfather". How is the woman related to the man ?

- (A) Aunt ✓(B) Sister
(C) Daughter (D) Mother

29. F has less money than H but more than G. E has more than F but less than H. Who is the poorest ?

- (A) F (B) E
(C) H ✓(D) G

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

SPECTRUM

- (A) SEPTUM (B) RECTUM
✓(C) CUSTOM (D) SPECT

31. 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 B A N R
1 2 3 4 5

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

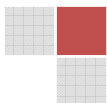
32. APPRECIATION is coded as 177832419465. How will you code PERCEPTION ?

- ✓(A) 7382379465 (B) 7392378465
(C) 7292378465 (D) 7383297465

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

$$16 * 2 * 24 * 3 * 6$$

- (A) + = - ÷ (B) × - + =
(C) + ÷ = ÷ (D) - - ÷ =



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

$$6-9-2 = 926, 3-2-1 = 213, 0-4-8 = ?$$

- (A) 840 (B) 48
(C) 84 (D) 480

35. Which interchange of signs will make the following equation correct?

$$30 - 6 \div 4 + 2 \times 3 = 7.$$

- (A) + and \times (B) - and +
(C) - and \div (D) + and -

Directions : In question nos. 36 and 37, select the missing number from the given responses.

36.

16	4	4
81	3	27
?	25	5

(A) 97 (B) 12
(C) 125 (D) 30

37.

6	4	5
3	6	5
2	3	4
36	72	?

- (A) 100 (B) 175
(C) 125 (D) 120

38. A taxi driver commenced his journey from a point and drove 10 km towards North and turned to his left and drove another 5 km. After waiting to meet one of his friends, he turned to his right and continued to drive another 10 km. He has covered a distance of 25 km so far but in which direction he now may be?

- (A) North (B) East
(C) West (D) South

39. Sita cycled 8 km southward from her home, turned right and cycled 5 km, turned right and cycled 8 km, turned left and cycled 10 km. How many kms will she have to cycle to reach straight home?

- (A) 8 km (B) 10 km
(C) 15 km (D) 13 km

40. If in a code MASTER is written as SAMRET then how CARROT be written in the same code?

- (A) RACTOR (B) RCATRO
(C) RCATOR (D) ARMTOR

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

- (A) D (B) B
(C) E (D) C

42. 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 Red and Green faces?

- (A) 4 (B) 8
(C) 16 (D) 24

43. 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 statements. Indicate your answer.

Statement : Many people feel nervous when giving a talk before a group.

Conclusions I : Many people can talk confidently before a group.

II : Very few people can talk confidently before a group.

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

44. Two statements are given followed by four conclusions I, II, III 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) : Blue is Black and some Black is Red.

(2) : All red is Green but not Yellow.

Conclusions I : Some Blue is Green.

II : No Black is Yellow.

III : Some Black is not Yellow.

IV : No Black is Green.

(A) Only I and II follow

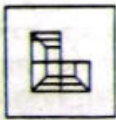
(B) Only II and IV follow

✓(C) Only I and III follow

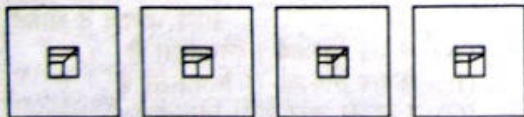
(D) Only I, II and IV follow

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

Question figure



Answer figures



✓(A)

(B)

(C)

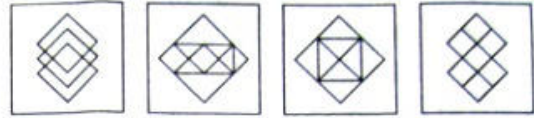
(D)

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

Question figure



Answer figures



(A)

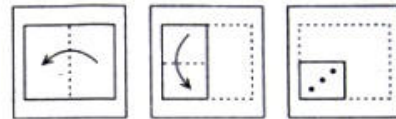
(B)

(C)

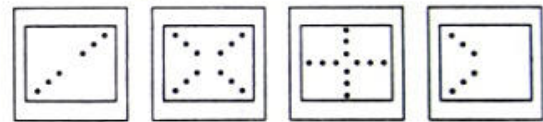
(D)

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

Question figures



Answer figures



(A)

✓(B)

(C)

✗(D)

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

Question figure



Answer figures



(A)

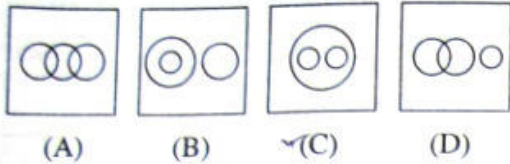
✓(B)

(C)

(D)



49. Which one of the following diagrams best depicts the relationship among Honey-bee, Insect and Housefly ?



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 3 and that of Matrix II are numbered from 4 to 7. A letter from these matrices can be represented first by its row and next by its column, e.g., 'A' can be represented by 00, 12, 21, etc. and 'T' can be represented by 02, 10, 23, etc. Identify the set for the word LAMB.

MATRIX I

	0	1	2	3
0	A	M	T	I
1	T	I	A	M
2	I	A	M	T
3	M	T	I	A

MATRIX II

	4	5	6	7
4	E	B	L	U
5	L	U	E	B
6	U	E	B	L
7	B	L	U	E

- (A) 75, 21, 13, 45 (B) 46, 12, 23, 57
(C) 67, 33, 31, 66 (D) 46, 32, 01, 74

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

45. If Tomorrow is Tuesday, then what will the 9th day before Today be ?
(A) Friday (B) Sunday
(C) Thursday (D) Saturday
46. From amongst the given alternatives, select the one which belongs to the same class to which the given three words belong. Grape, Pineapple, Mango.
(A) Jackfruit (B) Orange
(C) Potato (D) Pumpkin
47. A man is six times as old as his own son. After 20 years he will be twice as old as his son. What is the present age of the man ?
(A) 30 years (B) 32 years
(C) 34 years (D) 36 years
48. In a row of boys, Sudhanshu is 13th from the left and Satish is 6th from the right. If they interchange their positions Satish becomes 28th from the right. How many boys are there in the row ?
(A) 34 (B) 40
(C) 41 (D) 45
49. Krishna and Rama are relatives. They stay 200 metres away from each other. Neena stays 200 metres east of Rama and Sumi's house is 200 metres east of Krishna and 200 metres north of Neena. Who of them stays North of Rama ?
(A) Krishna (B) Neena
(C) Sumi (D) Rama
50. If I had one and half apples more I'd have one and half times as many. How many apples do I have ?
(A) 3 (B) 5
(C) 7 (D) 9

