

PART - I
GENERAL INTELLIGENCE

Directions : In question nos. 1 to 6, select the related letter/word/number from the given alternatives.

1. Hen : Egg :: Tree : ?
(A) Bark (B) Seed
(C) Leaves (D) Fruit
2. Nail Cutter : Nail :: Gillet : ?
(A) Blade (B) Head
(C) Razor (D) Knife
3. Window : Pane :: Book : ?
(A) Novel (B) Glass
(C) Cover (D) Page
4. DHPV : EGQU :: BJNT : ?
(A) CIOS (B) CHMR
(C) CGPU (D) CKPU
5. 49 : 343 :: 64 : ?
(A) 512 (B) 412 (C) 416 (D) 516
6. xxyzyy : ccbabb :: xyyzzy : ?
(A) abbacc (B) bbacca
(C) abbcca (D) cbbaab

Directions : In question nos. 7 to 10, select the one which is different from the other three responses.

7. (A) Guitar (B) Violin
(C) Flute (D) Veena
8. (A) Tomato (B) Potato
(C) Onion (D) Carrot
9. (A) 125 (B) 343
(C) 516 (D) 729
10. (A) 100 (B) 64 (C) 125 (D) 216

Directions : In question nos. 11 and 12, which one of the given responses would be a meaningful order of the following ?

11. 1. members 2. city 3. village
4. family 5. community
(A) 4, 1, 5, 3, 2 (B) 1, 4, 5, 3, 2
(C) 1, 2, 3, 4, 5 (D) 5, 4, 1, 3, 2
12. 1. Metal 2. Alloy 3. Ore
4. Purification 5. Spare parts
(A) 3, 1, 2, 4, 5 (B) 3, 1, 2, 5, 4
(C) 3, 4, 1, 2, 5 (D) 3, 5, 1, 2, 4

Directions : In question nos. 13 to 17, a series is given, with one term/number/letter missing. Choose the correct alternative from the given ones that will complete the series.

13. LXF, MTJ, NPN, OLR, ?
(A) PIU (B) PPV
(C) PHV (D) PJW
14. BDF, CFI, DHL, ?
(A) EJO (B) CJM
(C) EML (D) EMI
15. ALN, DNP, GPR, ?
(A) KLM (B) JRT
(C) RNU (D) RNV
16. 1-5, 2-3, 3-1, 3-9, ?
(A) 3-12 (B) 4-7 (C) 4-9 (D) 5-1
17. 14, 28, 20, 40, 32, 64, ?
(A) 52 (B) 56 (C) 128 (D) 48
18. Which will appear 3rd in the dictionary ?
(A) colloquy (B) collinear
(C) collegiate (D) collision



19. Khan travels 8 km from East to West and turns right to travel 2 km. Now he turns right and travels 5 km. In which direction is he now positioned with reference to the starting point ?

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

20. X is poorer than W, but not as poor as B. C is not as poor as X. Who is the poorest of all ?

- (A) B (B) X (C) C (D) W

21. The bus for Chennai leaves every 30 minutes from a bus depot. The enquiry clerk told a passenger that the bus for Chennai left 10 minutes ago, and the next bus will leave at 10:30 a.m. What was the time when enquiry clerk told this ?

- (A) 10:20 a.m. (B) 10:10 a.m.
(C) 10 a.m. (D) 9:50 a.m.

Directions : In question nos. 22 and 23, from the given alternatives select the word which *cannot* be formed using the letters of the given word.

22. Ecofriendly

- (A) Lend (B) Friend
(C) Life (D) Coffee

23. 'LIBERALISATION'

- (A) RATIONAL (B) BEST
(C) RELATION (D) RELATE

24. In a certain code, PRIEST is written as OQHDRS. PRISTINE can be written as

- (A) OQHRSHMD (B) OSHRQMDH
(C) QORHHSMD (D) QOHRSHMD

25. If DEAN is written as NOKX, how NEED be written in that code ?

- (A) NOOX (B) XONO
(C) ONOX (D) XOON

26. In a certain code, OPERATION is written as EPOTARNOI. Which word will be written as ORPSECSES ?

- (A) PORCESESS (B) PROCESSES
(C) POSSESORC (D) PROSSESC

Directions : In question nos. 27 to 30, select the missing number from the given responses.

27.

1	3	4
5	2	8
26	13	?

(A) 12 (B) 39 (C) 3 (D) 80

28.

10	11	12
105	126	?

(A) 144 (B) 149 (C) 3 (D) 2

29.

7	23	21
1	3	?
2	5	7
3	4	3

(A) 1 (B) 0 (C) 2 (D) 3

30. $\frac{11}{2}, \frac{5}{8}, \frac{7}{3}, ?$

- (A) $\frac{3}{27}$ (B) $\frac{2}{27}$ (C) $\frac{1}{27}$ (D) $\frac{3}{9}$

31. Srini is taller than Anlu. Ragu is taller than Chandru but shorter than Brinda. Srini is shorter than Chandru. Who is the tallest ?

- (A) Srini (B) Ragu
(C) Chandru (D) Brinda

32. If '-' stands for addition, '+' for multiplication, '÷' for subtraction and '×' for division, which one of the following equation is *wrong* ?

- (A) $5 - 2 + 12 \times 6 \div 2 = 27$
(B) $5 + 2 - 12 \div 6 \times 2 = 13$
(C) $5 + 2 - 12 \times 6 \div 2 = 10$
(D) $5 \div 2 + 12 \times 6 - 2 = 3$



33. Five friends are sitting in a row facing south. Here Mohan is between Balu and Raju and Raju is to the immediate right of Praveen and Amith is to the right of Balu. Who is in extreme right end?

- (A) Amith (B) Balu
(C) Praveen (D) Mohan

34. Ram starts from his house walks 4 kms North, then 3 kms West, then 8 kms South. How many kilometers away from his home was he?

- (A) 6 kms (B) 7 kms
(C) 5 kms (D) 8 kms

Directions : In question nos. 35 to 37, two/three statements are given followed by two/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 have to decide which of the given conclusions, if any, follow from the given statements.

35. Statements : 1. In our college, all I year students are cricket fans.
2. Of the I year students some are also tennis fans.
3. Some tennis fans are also football fans.

Conclusions : In our college,

- I. All others, except I year students, are not fans of any game.
II. Some I year students play cricket.
III. All I year students are football fans.
IV. Some I year students are not football fans.

- (A) Only conclusion I follows
(B) Only conclusion II follows
(C) Only conclusion III follows
(D) Only conclusion IV follows

36. Statements : 1. Some books are mobiles.

2. Some calculators are mobiles.

Conclusions : I. Some mobiles are calculators.

II. Some mobiles are books.

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

37. Statements : 1. No flower is a pot.
2. No pot is a garden.

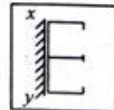
Conclusions : I. No flower is a garden.

II. All gardens are pots.

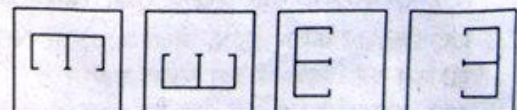
- (A) Only conclusion I follows
(B) Only conclusion II follows
(C) Both conclusions I and II follow
(D) Neither conclusion I nor II follows

Directions : In question nos. 38 and 39, if a mirror is placed on the line xy , then which of the answer figures is the right image of the given figure?

38. Question figure



Answer figures



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



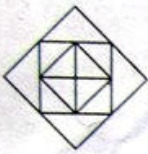
39. SEPTEMBER



- (A) REBMBETPSES
- (B) REBWBETPSES
- (C) REBMBETPSES
- (D) REBMBETPSES

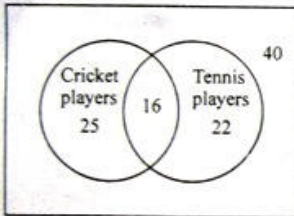
40. How many squares are there in this figure ?

Question figure



- (A) 4
- (B) 5
- (C) 6
- (D) 8

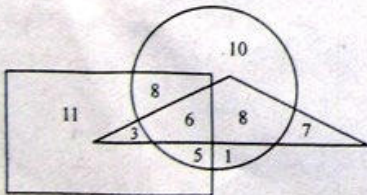
41.



Find out the number of students who play only cricket.

- (A) 25
- (B) 18
- (C) 9
- (D) 41

42.



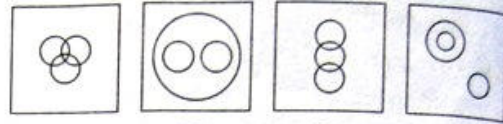
In the above diagram, the rectangle represents males, the circle represents actors and the triangle singers. Which numbered area represents male singers ?

- (A) 8
- (B) 6
- (C) 5
- (D) 3

43. For the given set of elements :

Keyboard, function keys, letter-keys

which figure given below will best represent the relationship among these three elements ?

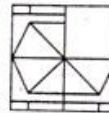


- (A)
- (B)
- (C)
- (D)

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

Directions : In question nos. 44 to 46, from the given answer figures, select the one in which the question figure is hidden/embedded.

44. Question figure

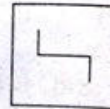


Answer figures



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

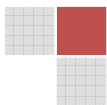
45. Question figure



Answer figures



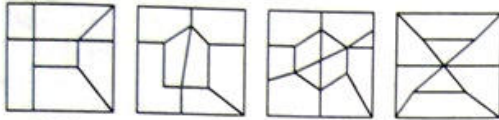
- (A)
- (B)
- (C)
- (D)



46. Question figure



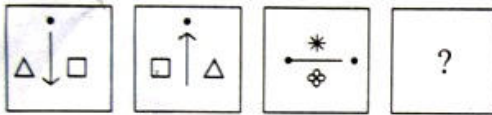
Answer figures



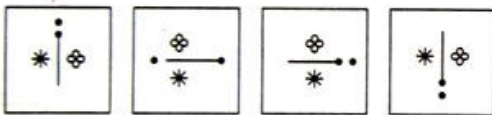
(A) (B) (C) (D)

47. Based on the relationship that exists between the first pair of figure, select the figure for the second from the answer figures.

Question figure



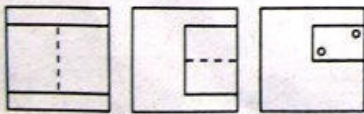
Answer figures



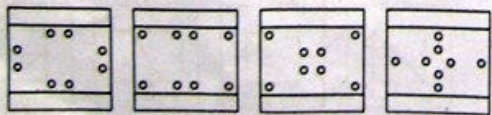
(A) (B) (C) (D)

Directions : In question nos. 48 and 49, 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.

48. Question figure

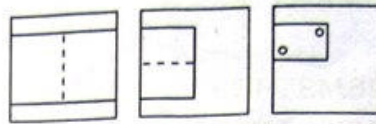


Answer figures

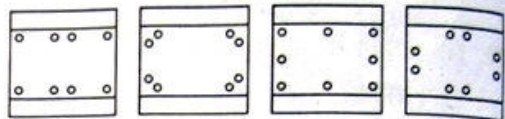


(A) (B) (C) (D)

49. Question figure



Answer figures



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

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., 'A' can be represented by 12, 23, etc. and 'K' can be represented by 55, 77, etc. Similarly, identify the set for the word STRONG.

MATRIX I

	0	1	2	3	4
0	R	A	I	N	G
1	G	R	A	I	N
2	N	G	R	A	I
3	I	N	G	R	A
4	A	I	N	G	R

MATRIX II

	5	6	7	8	9
5	K	S	T	O	C
6	C	K	S	T	O
7	O	C	K	S	T
8	T	O	C	K	S
9	S	T	O	C	K

- (A) 56, 58, 11, 14, 13, 10
 (B) 67, 79, 22, 86, 20, 21
 (C) 78, 85, 33, 97, 32, 43
 (D) 89, 95, 44, 75, 42, 32

