

PART - I

GENERAL INTELLIGENCE

Directions : In question nos. 1 to 3, select the related letter/word/number from the given alternatives.

1. Cot : Mattress :: Floor : ?
(A) Curtain (B) Bedspread
(C) Tiles (D) Carpet
2. Salt : Hypertension :: Sugar : ?
(A) Cholesterol (B) Diabetes
(C) Sweet (D) Dehydration
3. 24 : 60 :: 210 : ?
(A) 505 (B) 425
(C) 420 (D) 525

Directions : In question nos. 4 to 6, select the one which is different from the other three responses.

4. (A) Jasmine (B) Sunflower
(C) Lotus (D) Rose flower
5. (A) Mumbai (B) Chennai
(C) Calcutta (D) Bangalore
6. (A) 100 (B) 121
(C) 125 (D) 144

7. Find out the wrong number in the given sequence of numbers

- 22, 33, 66, 99, 121, 279, 594
(A) 33 (B) 121
(C) 279 (D) 594

Directions : In question nos. 8 and 9, which one of the given responses would be a meaningful order of the following ?

8. 1. soil 2. sapling 3. flower
4. fruit 5. plant 6. seed
(A) 1, 2, 3, 4, 5, 6 (B) 1, 6, 2, 5, 4, 3
(C) 5, 6, 1, 2, 3, 4 (D) 1, 6, 2, 5, 3, 4

9. 1. probation 2. advertisement
3. application 4. selection
5. interview 6. appointment
(A) 1, 2, 3, 4, 5, 6 (B) 1, 2, 3, 5, 4, 6
(C) 2, 3, 5, 4, 6, 1 (D) 6, 5, 4, 3, 2, 1

Directions : In question nos. 10 to 14, a series is given, with one term/number/letter missing. Choose the correct alternative from the given ones that will complete the series.

10. QPO, NML, KJI, ?, EDC
(A) HGF (B) CAB
(C) JKL (D) GHI
11. QAR, RAS, SAT, TAU, ?
(A) UAV (B) UAT
(C) TAS (D) TAT
12. 36, 34, 30, 28, 24, ?
(A) 20 (B) 22 (C) 23 (D) 26
13. 1000, 200, 40, ?
(A) 10 (B) 20 (C) 15 (D) 8
14. 4320, 720, ?, 36, 12, 6
(A) 144 (B) 24 (C) 72 (D) 48
15. Arrange the following words according to dictionary :
1. Brush 2. Bread 3. Broad
4. Border 5. Butter
(A) 4, 1, 2, 3, 5 (B) 4, 2, 3, 1, 5
(C) 4, 2, 1, 3, 5 (D) 4, 3, 2, 1, 5
16. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observe the ruling ?
(A) ACFJNS (B) EGJNSY
(C) CEHLPS (D) KNQTW



Directions : In question nos. 17 and 18, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

17. p _ _ p _ _ p q r p _ r
 (A) q r s t q (B) q q r r q
 (C) q r q r q (D) q q r q r

18. _ . a c c a _ c c c a _ a c c c c _ a a a
 (A) a c c a (B) c a a a
 (C) c c a a (D) c a a c

19. In a joint family, there are father, mother, four married sons and two unmarried daughters. Three sons have 2 daughters each and one has a son. How many female members are there in the family ?
 (A) 13 (B) 8
 (C) 11 (D) 12

20. Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour ?
 (A) 9 (B) 10
 (C) 12 (D) 20

21. Pointing towards A, B said "your mother is the younger sister of my mother". How is A related to B ?
 (A) Uncle (B) Cousin
 (C) Nephew (D) Father

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. FRAMEWORK
 (A) MARK (B) FAME
 (C) FOUR (D) MORE
23. IMPRESSIONABLE
 (A) IMPORT (B) MOBILE
 (C) LESSON (D) ASPIRE

24. If train is called bus, bus is called tractor, tractor is called car, car is called scooter, scooter is called bicycle, bicycle is called moped, which is used to plough a field ?
 (A) Train (B) Bus
 (C) Tractor (D) Car

25. In a certain code language, 'CLEVER' is written as 'DMFWFS'. How is 'FLOWER' written in that language ?
 (A) GMPXSF (B) GMPXSY
 (C) GMPXFY (D) GMPXFS

26. In a certain code, PORRIDGE is written as EGPODIRR. In that code, which word will be written as EGPRITSE ?
 (A) PERSTIGE (B) PRESTIGE
 (C) PEERSTIG (D) PRESTIEG

27. If $7 + 5 = 144$ and $3 + 2 = 25$, then $9 + 7 = ?$
 (A) 49 (B) 256 (C) 81 (D) 121

28. Neela is now three times as old as her daughter Leela. Ten years back, Neela was five times as old as Leela. The age of Leela is
 (A) 15 (B) 25 (C) 30 (D) 20

Directions : In question nos. 29 to 32, select the missing number from the given responses.

29.

14	16	18
26	32	18
10	12	?

 (A) 13 (B) 11 (C) 14 (D) 9

30.

9	9	17	17	16	8
5	5	4	4	?	8

 (A) 8 (B) 16 (C) 64 (D) 4

31.

7	8	10	11	13	14
29	9	38	12	?	15

 (A) 42 (B) 47 (C) 44 (D) 12

32.

7	4	5
2	3	?
5	9	6
70	108	240

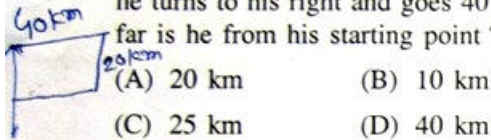
 (A) 7 (B) 8 (C) 6 (D) 9



33. John and Khan start together from a particular point in the opposite direction on motor cycle. The speed of John is 25 km/hr and Khan is 35 km/hr. What will be the distance between them after 15 minutes ?

- (A) 15 km (B) 20 km
(C) 5 km (D) 10 km

34. A cyclist goes 30 km to North and then turning to East he goes 40 km. Again he turns to his right and goes 20 km. After this he turns to his right and goes 40 km. How far is he from his starting point ?



Directions : In question nos. 35 to 37, two 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. Some stones are gold.
2. Some gold are banks.

- Conclusions : I. Some banks are stones.
II. Some gold are stones.
III. No stone is bank.
IV. Some banks are gold.

- (A) Only conclusions II and III follow
(B) Only conclusions II and IV follow
(C) Only conclusions I and IV follow
(D) Only either conclusion III or IV and I follow

36. Statements : 1. Most players are men.
2. Some men are singers.

- Conclusions : I. Some singers are men.
II. Some players are singers.

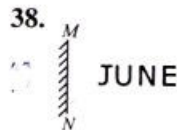
- (A) Only conclusion I follows
(B) Only conclusion II follows
(C) Neither conclusion I or II follows
(D) Both conclusions I and II follow

37. Statements : 1. No girl is a parrot.
2. Sowmya is a girl.

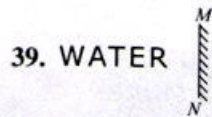
- Conclusions : I. Sowmya is not a parrot.
II. All girls are not Sowmya.

- (A) Only conclusion I follows
(B) Only conclusion II follows
(C) Either conclusion I or II follows
(D) Neither conclusion I nor II follows

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

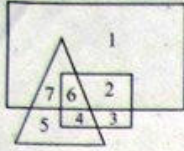


- (A) ENUT (B) ENUJ
(C) ENUJ (D) ENUT



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

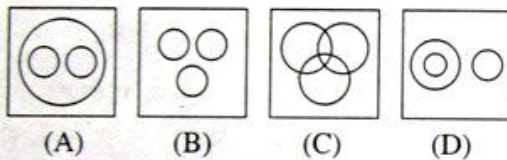
40.



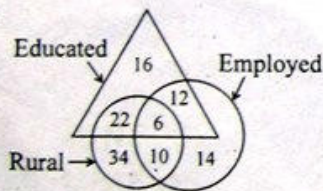
Triangle represents people in the first age group i.e. 40-50 years, Square represents the second age group i.e. 60-70 years and Rectangle represents the third age group i.e. 30-40 years. The portion which represents all the three age groups is

- (A) 2 (B) 7
(C) 4 (D) 6

41. Indicate which figure will best represent the relationship among Birds, Crows, Eagles.



42.

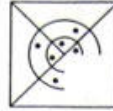


How many rural uneducated people are employed?

- (A) 10 (B) 6
(C) 12 (D) 14

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

Question figure



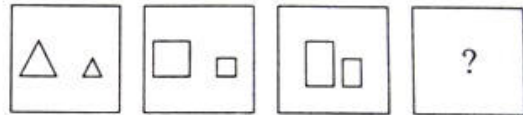
Answer figures



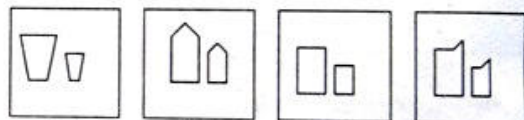
- (A) (B) (C) (D)

44. Which figure will come next?

Question figures



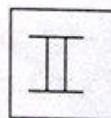
Answer figures



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

Directions : In question nos. 45 to 47, from the given answer figures, select the one in which the question figure is hidden/embedded.

45. Question figure

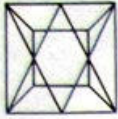


Answer figures

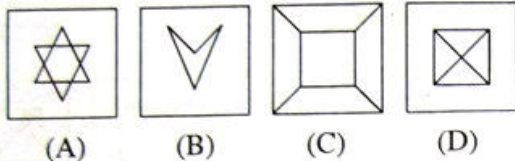


- (A) (B) (C) (D)

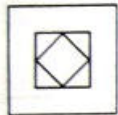
46. Question figure



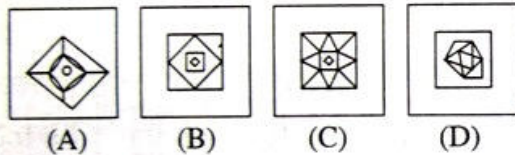
Answer figures



47. Question figure



Answer figures

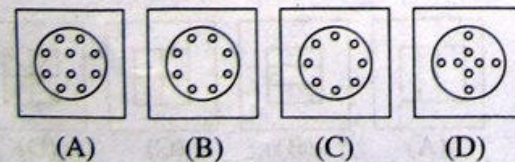


48. A circular sheet of paper has been folded and punched as shown in the following series of figures. How will it appear when opened?

Question figure

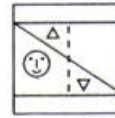


Answer figures

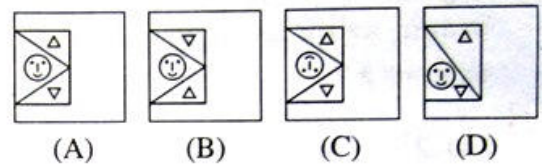


49. If the following pattern is drawn in a rectangular transparent sheet and folded along the dotted lines, how does it appear?

Question figure



Answer figures



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 04, 10, etc. and 'B' can be represented by 59, 65, etc. Identify the set for the word MARBLE.

MATRIX I

	0	1	2	3	4
0	R	T	S	M	A
1	A	R	T	S	M
2	M	A	R	T	S
3	S	M	A	R	T
4	T	S	M	A	R

MATRIX II

	5	6	7	8	9
5	E	G	L	O	B
6	B	E	G	L	O
7	O	B	E	G	L
8	L	O	B	E	G
9	G	L	O	B	E

- (A) 20, 21, 23, 65, 79, 87
 (B) 42, 43, 22, 87, 57, 66
 (C) 31, 10, 12, 58, 86, 55
 (D) 14, 32, 41, 98, 96, 88