

PART - I
GENERAL INTELLIGENCE

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

1. Play : Actor :: Concert : ?
(A) Piano (B) Percussion
(C) Symphony (D) Musician
2. QDXM : SFYN :: UIOZ : ?
(A) QNLA (B) WKPA
(C) PAQM (D) LPWA
3. CDEF : UVWX :: IJKL : ?
(A) PQRS (B) MNOP
(C) ABCD (D) NOPQ
4. 5 : 100 :: 7 : ?
(A) 91 (B) 98
(C) 49 (D) 196
5. 16 : 22 :: 36 : ?
(A) 44 (B) 26
(C) 24 (D) 46
6. Book : Paper :: Bread : ?
(A) Cake (B) Butter
(C) Flour (D) Biscuit

Directions : In question numbers 7 to 11, select the one which is different from the other three responses.

7. (A) 342 (B) 511
(C) 126 (D) 215
8. (A) IKN (B) MOR
(C) ACF (D) EGI
9. (A) Energy (B) Erg
(C) Power (D) Pressure
10. (A) NEM (B) MAL
(C) QRP (D) RUQ
11. (A) Kerosene (B) LPG
(C) Petrol (D) Diesel

Directions : In question numbers 12 and 13, which one of the given responses would be a meaningful order of the following?

12. (1) wrist (2) arm
(3) shoulder (4) finger
(5) palm (6) nail
(A) 5, 4, 6, 1, 2, 3 (B) 3, 2, 1, 5, 4, 6
(C) 6, 4, 5, 2, 1, 3 (D) 3, 2, 5, 1, 4, 6
13. (1) Flower (2) Seed
(3) Plant (4) Fruits
(5) Branches (6) Tree
(A) 2, 1, 4, 6, 5, 3 (B) 2, 1, 3, 6, 5, 4
(C) 2, 3, 6, 5, 1, 4 (D) 2, 6, 3, 1, 4, 5

Directions : In question numbers 14 and 15, a series is given, with one number/letter missing. Choose the correct alternative from the given ones that will complete the series.

14. ELFA, GLHA, ILJA, __?__, MLNA
(A) LLMA (B) KLLA
(C) OLPA (D) KLMA
15. 15, 39, 74, 122, __?__, 265
(A) 171 (B) 185
(C) 151 (D) 165
16. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
l _ b _ ub _ ubt _ blu _ tub
(A) tulbu (B) butlu
(C) ubtlu (D) utlub

Directions : In question numbers 17 to 21, a select the missing number/letter from the given responses.

17. ? 9
21 13
(A) 64 (B) 63 (C) 49 (D) 37
18. 49 100 64
9 36 4
81 1 25
19 ? 15
(A) 17 (B) 18
(C) 14 (D) 16



19. 17, 19, 23, 29, _____.
 (A) 31 (B) 39 (C) 33 (D) 35
20. 23, 24, 27, 28, 31, 32, _____.
 (A) 29 (B) 35
 (C) 30 (D) 33
21. E G I
 R U X
 J N ?
 (A) O (B) Q (C) P (D) R
22. The total number of students in class A and class B is 120. If 15 students from class A are taken and added to class B, the number in class B becomes twice that of A. Find out the number of students in class A in the beginning :
 (A) 55 (B) 40
 (C) 80 (D) 65
23. Kannan is the brother of Kumar. Lakshmi is the daughter of Kumar. Kalai is sister of Kannan and Govind is the brother of Lakshmi. Who is the uncle of Govind ?
 (A) Lakshmi (B) Kannan
 (C) Kumar (D) Kalai
24. Find out the pair of numbers that do not belong to the group for each of common property.
 (A) 196 - 121 (B) 100 - 225
 (C) 144 - 81 (D) 169 - 600
25. Introducing a girl, Vipin said, "Her mother is the only daughter of my mother - in - law". How is Vipin related to the girl ?
 (A) Brother (B) Husband
 (C) Uncle (D) Father
- Directions :** In question nos. 26 and 27, from the given alternatives select the word which cannot be formed using the letters of the given word.
26. 'RECOMMENDATION'
 (A) COMMEND (B) MEND
 (C) COMMENTARY (D) COMMERCE
27. OPERATION
 (A) RATIO (B) NATION
 (C) RATION (D) OPERA
28. In the morning, I walked 2 kms facing the Sun and stopped. From there, I walked 4 kms on my right hand side, from there I walked 1 km again facing the Sun, from there I walked on my right hand side. Which direction I will be walking now ?
 (A) South West (B) Right hand side
 (C) East (D) South East
29. If '+' and '-' signs are interchanged, similarly 'x' and '÷' are interchanged, then find the answer of the following equation :
 $10 - 2 + 12 \times 1 \div 0$
 (A) 1 (B) 0
 (C) 8 (D) 12
30. If 'BASKET' is written as 'TEKSAB', how can 'PILLOW' be written in that code ?
 (A) LOWLIP (B) WOLPIL
 (C) LOWPIL (D) WOLLIP
31. In certain code, TOPPER is written as POTREP. In that code, which word will be written as RUBREG ?
 (A) BURGET (B) BEURGR
 (C) BURGER (D) BLURBE
32. If EARN is written as GCTP, how NEAR can be written in that code ?
 (A) PGCT (B) PCGT
 (C) CTGP (D) GPTC
33. A, B, C, D, E and F are sitting in a circle facing towards centre. D is between F and B. A is second to the left of D and second to the right of E. Who is facing towards D ?
 (A) E (B) B
 (C) C (D) A
34. Choose the appropriate combination of signs to solve the equation.
 $(23 - 5) \times (12 \div 2) * 3 * 4$
 (A) $\times \div =$ (B) $+ - =$
 (C) $+ + =$ (D) $- \div =$



Directions : In question nos. 35 to 37, one/two statements are given followed by two conclusions I and II. You have to consider the two 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. **Statement :** Rakesh is senior to Rajesh, and Rajesh is senior to Rahul.

Conclusions : (I) Rakesh is senior to Rahul.
(II) Rahul is not senior to Rakesh.

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

36. **Statements :** (1) All crows are black.
(2) Some black things are beautiful.

Conclusions : (I) Some crows are beautiful.
(II) Some beautiful things are black.

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

37. **Statement :** Uneducated people are exploited by others in the society.

Conclusions : (I) People take advantage of uneducated people only.
(II) Educated people exploit uneducated persons in society.

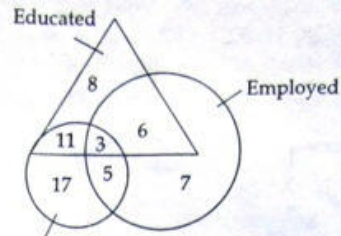
- (A) Both conclusion (I) and (II) follow
- (B) Neither conclusion (I) nor (II) follow
- (C) Only conclusion (I) follows
- (D) Only conclusion (II) follows

38. Which number is on the face opposite to 6 in the dice whose four views are given below ?



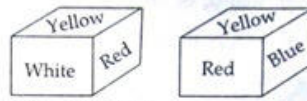
- (A) 3
- (B) 4
- (C) 1
- (D) 2

39. How many backward uneducated people are employed ?



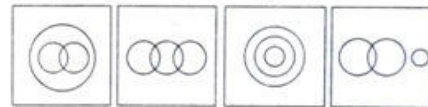
- (A) 7
- (B) 11
- (C) 14
- (D) 5

40. From the following two different appearances of a dice, find out which colour is opposite to white ?



- (A) Yellow
- (B) Red
- (C) Blue
- (D) Black

41. Find the best relationship among the three classes in the following diagrams :
STUDENTS, CHILDREN, BIRDS



42. Which of the following answer figure indicates best relation between aeroplanes, train, travel ?



Directions : In question nos. 43 and 44 which answer figure completes the pattern given in the question figure ?

43. Question figure



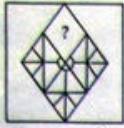
Answer figures



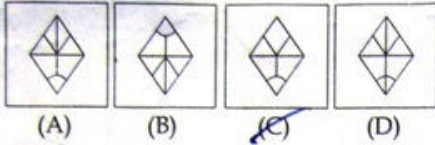
- (A)
- (B)
- (C)
- (D)



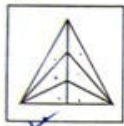
44. Question figure



Answer figures

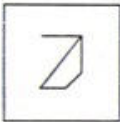


45. How many triangles are there in the given question figure?

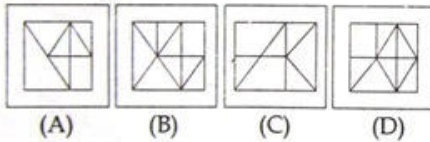


(A) 16 (B) 20 (C) 15 (D) 14

46. From the given answer figures, select the one in which the question figure is hidden/embedded:
Question figure

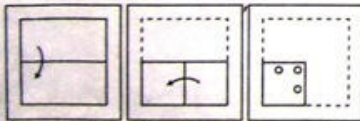


Answer figures

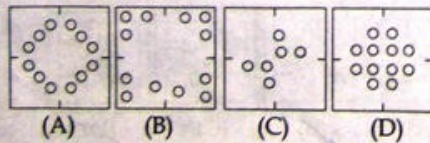


Directions : Question nos. 47 and 48, A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

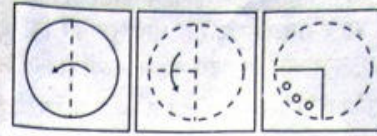
47. Question figures



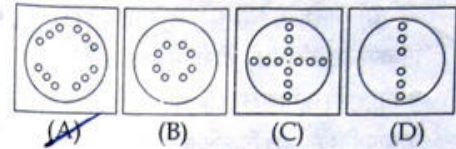
Answer figures



48. Question figures

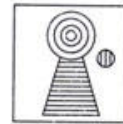


Answer figures

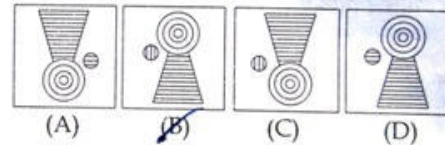


49. Find out the mirror image of the given figure :

Question figure

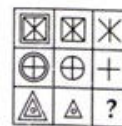


Answer figures



50. Identify the missing figure to complete the matrix :

Question figures



Answer figures

