MISCELLANEOUS QUESTIONS   [SET – 16]

Directions (1-6) : Seven students C, D, E, F, G, H and I like different cities namely Surat, Kolkata, Bangalore, Mumbai, Ranchi, Delhi and Pune. Each of them studies in either of three schools viz. DAS, RIS and VCS with at least two of them in a school. (None of the information given is necessarily in the same order.) F studies with the one who likes Bangalore in RIS. The one who likes Delhi studies only with H. H does not like Bangalore. C studies with those who like Surat and Pune. C does not study with F. E studies only with the one who likes Mumbai. The one who likes Mumbai does not study with the one who likes Delhi. More than one person studies with D. D does not like Pune. Both I and the one who likes Ranchi study in the same school but not in DAS. H does not like Ranchi.

1. Which of the following combinations represents the school in which E studies and
the city he likes ?

(a) DAS-Bangalore   (b) RIS-Bangalore   (c) DAS-Kolkata
(d) VCS Delhi

2. Which of the following cities does G like ?

(a) Pune   (b) Ranchi   (c) Mumbai   (d) Delhi

3. Four of the following five are alike in a certain way as per the given arrangement and hence form a group. Which of the following does not belong to that group

(a) DF   (b) CI   (c) HG   (d) FE

4. Who amongst the following likes Kolkata ?

(a) F   (b) H   (c) I   (d) C

5. Which of the following combinations represents the combination of people studying
in VCS ?

(a) The one who likes Delhi and Bangalore
(b) The one who likes Ranchi and Mumbai
(c) The one who likes Delhi, Mumbai and Kolkata
(d) The one who likes Surat, Pune and Ranchi

6. Which , of the following statements is not true ?

(a) F studies in the same school inn which D studies.
(b) Both D and C study in the same school.
(c) G studies with only the one who likes Kolkata.
(d) C likes Ranchi.

Directions (7-10): D is the mother of S. S is the sister of T. T is the mother of. R. R is the only son of J.J is the father of U. U is married to K.

7. How is J related to D ?

(a) Brother-in-law   (b) Son-in-law   (c) Grandson   (d) Son

8. If R is the father of X, then how is K related to X ?

(a) Father   (b) Aunt   (c) Uncle   (d) Father-in-law

9. How is S related to R ?

(a) Sister-in-law   (b) Mother-in-law
(c) Grandmother   (d) Aunt

10. How is T related to K ?

(a) Mother-in-law   (b) Aunt-in-law   (c) Son-in-law
(d) Daughter-in-law

11.   3 : 27 : : 4 : ?

(a) 63   (b) 64   (c) 65   (d) 15

12. In the following question, select the odd number from the given alternatives.

(a) 31   (b) 37   (c) 43   (d) 49

13. If "P" denotes "multiplied by", "R" denotes "subtracted from", "S" denotes "added to" and "Q" denotes "divided by", then which of the following equation is true?

(a) 18 R 60 Q 15 S 2 = 8   (b) 15 S 16 Q 2 P 4 = 47
(c) 3 P 5 R 18 Q 3 = 6   (d) 15 S 28 Q 4 P 2 = 27

14. In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.
'HANDSOME'

(a) HATS   (b) HOME   (c) NAME   (d) SAND

15. In a row of books a book of English is 16th from left end of row. A book of Mathematics is 12th from the right end. If the Mathematics book is 6th to the right of the English book, then how many total books are in the row?

(a) 33   (b) 32   (c) 34   (d) 31

16. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

336	170	748
523	78	349
431	?	328

(a) 33   (b) 34   (c) 36   (d) 37

17. In the following question, by using which mathematical

operators will the expression become correct?
30 ? 6 ? 4 ? 5 ? 4

(a) −, =, x and +   (b) +, =, x and −
(c) =, x, + and −   (d) −, +, = and x

18. A statement followed by some conclusions is given below. Find which of the given conclusions logically follow from the given statement.

Statement: Majority of the girls in the class are
              intelligent.
Conclusions: I. There are no boys in the class.
II. Some of the girls in the class are not so intelligent.

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

19. If PEN = 613 and STRING = 580934 then RIPENING = ?

(a) 09631934   (b) 09163934
(c) 09316934   (d) 09613934

20.   DABC, HEFG, ?, PMNO, TQRS

(a) IJKL   (b) LIJK   (c) KIJL   (d) JIKL

21. A boy leaves his school and travels 8 km towards the east. He takes a left turn and travels 6 km in that direction, and then turns towards the east and travels another 5 km. Finally, he turns right and travels 10 km. In which direction is he now from his school?

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

22. Arrange the given words in the sequence in which they occur in the dictionary.
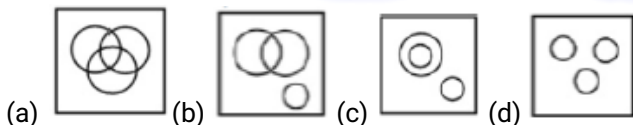i. Preview   ii. Preventive   iii. Prefer iv. Preformation

(a) iii,ii,i,iv   (b) iv,iii,i,ii   (c) iii,iv,ii,i   (d) iii,i,ii,iv

23. In a certain code language, "BRING" is written as "25698" and "JAIL" is written as "4367". How is "BRINJAL" written in that code language?

(a) 2566437   (b) 2569437   (c) 2569347 (d) 2659437

24. Identify the diagram that best represents the relationship among the given classes.
Vegetable, Park, Carrot

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

25. In a certain code language, "HAMMER" is written as "MAHERM". How is "MATTER" written in that code

language?

(a) TREMAT   (b) TAMERT   (c) TAEMRT   (d) TARMET

26. In the following question, two statements are given each 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 have to decide which of the given conclusions, if any, follows from the given statements.

Statements: Some bags are hot. All hot things are cakes.
Conclusion: (I) All cakes are bags.
                 (II) All bags are cakes.

(a) Conclusion I follows   (b) Conclusion II follows
(c) Neither I nor II follows   (d) Both I and II follows

27.Find out the odd word/letters/number/number pair from the given alternatives.

(a) Mustard gas (b) Gasoline   (c) Diesel   (d) Natural gas

28. Find out the odd word/letters/number/number pair from the given alternatives.

(a) 125   (b) 512   (c) 1321   (d) 1728

29. Five friends are sitting on a bench facing the north. Ankit is sitting to the immediate right of Anjum. Amit is sitting to the left of Priya and to the immediate right of Ram. Ram is sitting to the right of Ankit. Who is sitting at the extreme right end?

(a) Amit   (b) Ankit   (c) Priya   (d) Anjum

30. Pointing to a woman, a girl says, "Her daughter-in-law is married to the only son of my husband's mother-in-law." How is the girl related to the woman?

(a) Niece   (b) Granddaughter   (c) Daughter (d) Cousin

31. A, B, C, D, E, F are sitting on the round table with equal distances. F is sitting opposite to E and between A and D. C is sitting right side of E and opposite to A. Who are the neighbours of A?

(a) F and D   (b) E and F   (c) E and C   (d) B and F

32. From the given alternative words, select the word which cannot be formed using the letters of the given word: 'CONCENTRATION'

(a) CONCERN   (b) CONTAINER   (c) CONCERT
(d) CENTRAL

33. If 'WZB' stands for 'DAY', how will you code 'MONDAY'?

(a) NLMWZB   (b) PLOWZB   (c) NMLWZB   (d) PQRWZB

34. If '+' means '/', '/' means '−' , '−' means '×', '×' means '+',

then 24 + 8/2 − 6 × 6?

(a) −10   (b) −3   (c) 12   (d) 21

35. In this question, some equations are solved on the basis of a certain system. On the same basis find out the correct answer from amongst the four alternatives for the unsolved equation.

7×6×8=678   8×9×7=987   6×5×7=567
5×4×6=?

(a) 456   (b) 564   (c) 645   (d) 654

36. Select the missing number from the given alternatives:

(a) 9   (b) 8   (c) 7   (d) 6

37. A man starts from a point, walks 5 km towards East, turns right and walks 3 km, turns right again and walks. What is the direction he is facing now?

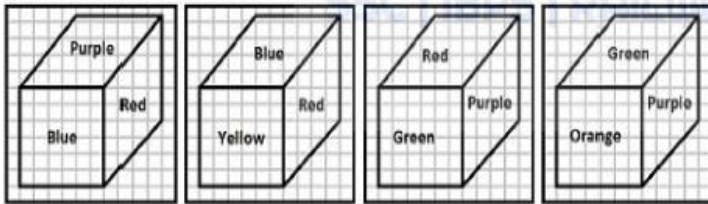(a) North   (b) South   (c) West   (d) South-west

38. Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

Statement : All animals are four-footed. Dog has two legs.
Conclusion : I. Dog is not an animal.
              II. Dog is an animal.

(a) If only I follows   (b) If only II follows
(c) If neither I nor II follows   (d) If both I and II follow

39. In the give cubes, which colour is opposite to purple?

(a) Violet   (b) Red   (c) Yellow   (d) Blue

30. Which of the following diagrams correctly represents elephants, wolves, animals?

(a)

(b)

(c)

(d)