MISCELLANEOUS QUESTIONS   [SET – 38]

1. If the expression D < A > C = F ≥ G is definitely true, which of the following would be definitely true?

1) G < C 2) D = C 3) G < A 4) F ≤ A

2. In which of the following expressions the expression 'P ≤ M ' would hold definitely true?

(a) M ≥ R = N > S ≥ P = Q   (b) Q ≥ M > N = W ≥ P < S
(c) Q >M ≥ N = W ≥ P < S   (d) W < P = N ≤ Q < M > R

3. In which of the following expressions the expression 'R < S ≤ M ' would hold definitely false?

(a) V > R ≤ K < S = W ≤ M   (b) V < M ≥ T ≥ S = P > R
(c) K > M = J ≥ S > N = R   (d) T = R ≤ K < S = P < M

4. Which of the following symbols should replace the question mark in the given expression in order to make
K ≤ M definitely true?
N = K = L ? P ? M

(a) <, <   (b) ≤, =   (c) ≤, <   (d) <, ≤

5. In a cricket tournament, Ravi scored higher than Vijay. Surya scored lower than Sumit but higher than Ravi. Amit's score lies between the scores of Vijay and Ravi. Who scored the lowest in this tournament?

(a) Ravi   (b) Vijay   (c) Sumit   (d) Amit

Direction (6-10): Study the following information carefully and answer the questions given below :

A, B, C, D, E, F, G and H are eight friends travelling in three different cars, viz X, Y and Z, with at least two in one car to three different places, viz. Delhi, Chandigarh and Agra. There is at least one female member in each car. D is travelling with G to Delhi but not in car Y. A is travelling with only H in car Z but not to Chandigarh. C is not travelling with either D or E. F and D are studying in the same only girls' college. H, B and G are studying in the same only boys' college.

6. Which of the following represents the group of females?

(a) F, C, A   (b) F, G, A   (c) Data inadequate
(d) None of these

7. Which of the following combinations is correct?

(a) Delhi – X – C   (b) Chandigarh – X – F
(c) Delhi – Y – E   (d) None of these

8. Which of the following cars is carrying four people?

(a) Either X or Z   (b) Y   (c) Either X or Y
(d) None of these

9. In which of the following cars is C travelling?

(a) X   (b) Y   (c) Z   (d) Either X or Y

10. Which of the following cars is carrying people to Chandigarh?

(a) Y   (b) X   (c) Either X or Y   (d) Data inadequate

Directions (11-15): Study the following information to answer the given questions.
In a certain code language, 'summer is not pleasant always' is written as 'mo ra tic su na', 'pleasant season is spring' is written as 'dic ra nic mo', 'always likes spring' is written as 'phi su nic', and 'hot summer season' is written as 'tic ga dic'.

11. Which of the following is the code for 'not'?

(a) mo   (b) ra   (c) na   (d) Cannot be determined

12. What does 'dic' stand for?

(a) season   (b) spring   (c) 4) is   (d) not

13. Which of the following represents the code for 'spring is hot'?

(a) mo ga nic   (b) tic ga mo
(c) nic dic su   (d) None of these

14. 'tic phi dic' is the code for which of the following?

(a) spring is season   (b) likes summer season
(c) pleasant season is   (d) hot season summer

15. Which of the following may represent 'nobody likes hot season'?

(a) zo dic ga tic   (b) nic ye ga dic

(c) phi nic da ra   (d) phi zo ga dic

Directions (16-17): a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

16. 18, 23, 21, 26, ?
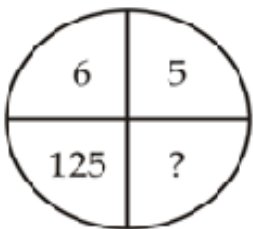
(a) 24   (b) 23   (c) 31   (d) 33

17. 2, 29, 56, 83, ?

(a) 112   (b) 135   (c) 120   (d) 110

18. 'D' is taller than 'C' but shorter than 'E', 'B' is shorter than 'C' and 'A' is taller than 'E'. Who is the tallest ?

(a) E   (b) A   (c) C   (d) D

19. In each of the following questions, select the missing from the given response.

(a) 127   (b) 324   (c) 216   (d) 328

20. In each of the following questions, select the missing from the given response.

2	1	2
21	22	?
1	2	5
20	23	43

(a) 40   (b) 48   (c) 50   (d) 36

21. In the following question, select the related letters from the given alternatives.

MN : OL : : SH : ?

(a) VE   (b) UF   (c) UG   (d) VF

22. In a certain code language, "FRAME" is written as "IUDPH". How is "ROYAL" written in that code language?

(a) XVTGM   (b) MRDXO   (c) XIDPH   (d) URBDO

23. In a certain code language, '-' represents '×', '÷' represents '+', '+' represents '÷' and '×' represents '-'. Find out the answer to the following question.

15 - 6 + 10 × 3 ÷ 2 = ?

(a) 24   (b) 9   (c) 2   (d) 8

24. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.
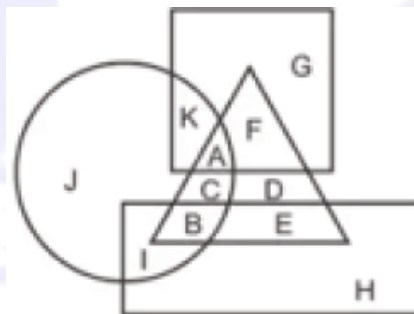Statement I: No mirrors are glass
Statement II: No reflective are mirrors

Conclusion I: All glass are reflective
Conclusion II: All reflective are glass

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Neither conclusion I nor conclusion II follows

25. In the following figure, rectangle represents copywriters, circle represents cartoonists, triangle represents comedians and square represents Mothers. Which set of letters represents copywriters who are neither comedians nor Mothers?

(a) BE   (b) CD   (c) AF   (d) IH