

MISCELLANEOUS QUESTIONS

[SET – 40]

Directions (1-5): Find the next number in the place of question mark (?) in the following number series.

1. 4, 13, 54, 273, 1642, ?

(a) 10432 (b) 10968 (c) 11120 4 (d) 11499

2. 3, 14, 66, 312, 1640, ?

(a) 9950 (b) 9960 (c) 9970 (d) 9980

3. 3, 8, 16, 15, 42, 29, 81, ?

(a) 50 (b) 54 (c) 72 (d) 78

4. 6, 42, 114, 258, 546, ?

(a) 1116 (b) 1118 (c) 1120 (d) 1122

5. 484, 729, 1024, 1369, 1764, ?

(a) 2204 (b) 2206 (c) 2209 (d) 2212

Directions (96-100) : Study the following information carefully and answer the given questions :

Eight persons, J, K, L, M, N, O, P and I are sitting around a circular table facing the centre with equal distances between each other (but not necessarily in the same order). Each one of them is also related to N in some way or the other. K sits third to the left of N. Only one person sits between N and Q. N's sister sits to the immediate right of Q. Only two persons sit between N's sister and N's mother. J sits to the immediate right of N's mother. P sits to the immediate right of M. N's brother sits third to the right of P. N's wife sits second to the left of N's brother. Only three persons sit between N's wife and L. N's son sits second to the right of N's father. Only two persons sit between N's father and N's daughter.

6. Who amongst the following is the son of J ?

(a) M (b) P (c) K (d) Q

7. How many persons sit between N and K, when counted from the left of K ?

(a) Five (b) One (c) Four (d) None

8. Who sits to the immediate right of Q?

(a) N's sister (b) N (c) N's wife (d) K

9. Which of the following statements is true with respect to the given information ?

(a) All the given options are true
 (b) P sits to the immediate left of J.
 (c) N's mother sits to the immediate left of N.
 (d) M is the mother-in-law of Q.

10. How is J related to K ?

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

Directions (11-12): Given below are two matrices of 25 cells each containing two classes of alphabets. The columns and rows of Matrix I are numbered from 0 to 4 and those of Matrix II from 5 to 9. A letter from these matrices can be represented first by its row number and next by its column number. For example 'C' can be represented as 12, 24 etc. Similarly 'A' can be represented by 56, 68 etc. In the following question identify one set of number pair out of a, b, c and d which represents the given word.

Matrix-I

	0	1	2	3	4
0	N	K	R	C	B
1	R	N	C	B	K
2	K	R	B	N	C
3	B	C	N	R	K
4	C	B	K	N	R

Matrix-II

	0	1	2	3	4
0	N	K	R	C	B
1	R	N	C	B	K
2	K	R	B	N	C
3	B	C	N	R	K
4	C	B	K	N	R

11. NIKE

(a) 34, 75, 01, 95
 (c) 34, 57, 24, 66

(b) 23, 69, 24, 55
 (d) 11, 78, 34, 77

12. ROAR

(a) 50, 67, 86, 02
 (c) 21, 67, 65, 80

(b) 44, 05, 98, 44
 (d) 33, 55, 87, 21

13. Rohan walks a distance of 3 kms towards North, then turns to his left and walks 2 kms. He again turns to his left and walks for 3 kms. At this point he turns to his left and walks for 3 kms. How far is he from the starting point?

- (a) 5 km (b) 3 km (c) 2 km (d) 1 km

Directions (14-15): Which one set of letters when sequentially placed at the gaps will complete the given letter series?

14. a b _ c a b b _ a b b _ a b _ c

- (a) aabc (b) aaab (c) accb (d) bccb

15. a b c _ b c _ a b c c _ a _ c c c c

- (a) accb (b) abbc (c) bcca (d) accc

16. A's weight is more than the weight of C, and A has the second highest weight. E weighs more than A. B weighs more than D. Who is the heaviest?

- (a) B (b) D (c) E (d) A

17. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

HK, ?, PQ, TT, XW

- (a) LN (b) NO (c) LK (d) NM

18. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

JN, OR, UW, BC, ?

- (a) KM (b) JJ (c) JK (d) KJ

19. Nikhil is 8 yr younger than his brother Rohan. How old will Rohan be when he is twice as old as Nikhil?

- (a) 4 yr (b) 6 yr (c) 8 yr (d) 16 yr

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

'ORGANISATION'

- (a) GRANT (b) NATION (c) GIANTS (d) ORANGE

21. If EARTHQUAKE is coded as EKAUQHTRAE then ELECTORATE will be coded as ?

- (a) ETAROELECT (b) EARTOTCELE
(c) ETAROTCELE (d) ETAROCTELE

22. If a denotes \times , b denotes \div , c denotes $+$ and d denotes $-$, then $8 a 3 c 24 b 12 d 19 = ?$

- (a) 17 (b) 7 (c) 14 (d) 8

23. Given equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis:

$$2 + 4 + 6 = 48 \text{ and}$$

$$3 + 2 + 8 = 48,$$

$$\text{then } 2 + 5 + 7 = ?$$

- (a) 48 (b) 70 (c) 14 (d) 59

24. Select the missing number from the given alternatives

28	20	7
84	35	12
45	?	9

- (a) 19 (b) 22 (c) 26 (d) 25

25. If North is called North west, West is called South west, South is called South east and so on. A person walks straight from South west to North east and then turns left. Walks straight and again turns left. Now at what direction he is facing?

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