MISCELLANEOUS QUESTIONS [SET – 10]

Directions (1-2) : Find out the odd word/ letters/ number/ number pair from the given alternatives.

1. (a) QJ (b) SH (c) LN (d) UF

2. (a) 529 (b) 549 (c) 731 (d) 523

3. VWX, BCD, HIJ, ?

(a) MOQ (b) NOP (c) GHI (d) TUV

4. MN, PQ, TU, YZ, ?

(a) YZ (b) AB (c) EF (d) EJ

5. 10, 29, 66, 127, ?

(a) 330 (b) 115 (c) 218 (d) 273

6. The average temperature of a town in the first six days of a month was 41℃ and the sum of the temperatures of the first five days of the same month was 201℃. What was the temperature on the sixth day of the month?

(a) 40°C (b) 45°C (c) 46°C (d) 50°C

7. In the following question, select the missing number from the given series.

15	30	20
6	8	5
84	152	?

(a) 400 (b) 150 (c) 100 (d) 625

8. Priya is standing to the north of Pulak and to the west of Basu. In which direction is Basu standing with respect to Pulak ?

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

9. 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 shown in the given two matrices. 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, for example, 'E' can be represented by 68, 99 etc. and 'N' can be represented by 20, 31 etc. Similarly, you have to identify the set for the word 'LION'.

MATRIX - I

	0	1	2	3	4
0	G	T	G	D	O
1	I	G	L	F	I
2	N	V	Y	G	F
3	R	N	V	S	E
4	O	L	F	B	L

MATRIX - II

	5	6	7	8	9
5	F	N	L	R	I
6	O	I	F	E	O
7	N	R	S	L	F
8	R	L	W	O	Y
9	I	V	E	H	E

(a) 41, 10, 69, 76 (b) 86, 69, 04, 41
(c) 44, 59, 88, 20 (d) 57, 66, 31, 04

10. A boy and a girl are playing in a park. The only daughter of the maternal grandfather of the girl, is the sister of the boy's father. How is the boy related to the girl?

(a) Father (b) Grandfather (c) Son (d) Cousin

11. If '−' stands for division, '+' for multiplication, '÷' for subtraction and 'x' for addition, which one of the following equations is correct?

(a) 18 ÷ 3 × 2 + 8 − 6 = 10 (b) 18 − 3 + 2 × 8 ÷ 6 = 14
(c) 18 − 3 ÷ 2 × 8 + 6 = 17 (d) 18 × 3 + 2 ÷ 8 − 6 = 15

12. X walked 20 feet from A to B in the East direction. Then X turned to the right and walked 6 feet. Again X turned to the right and walked 28 feet. How far is X from A?

(a) 28 (b) 9 (c) 10 (d) 27

13. If FRIEND is coded as HTKGPF then REVEAL will be coded as:

(a) TGXFCN (b) TGXNGC (c) TXGNCG (d) TGXGCN

14. Flow : River : : Stagnant : ?

(a) Pond (b) Rain (c) Stream (d) Canal

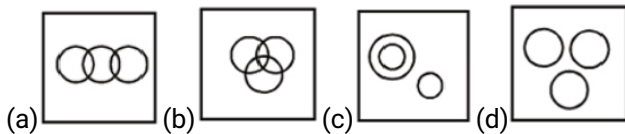15. Which of the following interchange of signs would make the equation correct?
5 + 3 × 8 −12 ÷ 4 = 3

(a) −And ÷ (b) + And × (c) + And ÷ (d) + And −

16. 34 : 81 : : 23 : ?

(a) 8 (b) 16 (c) 4 (d) 12

17. Identify the diagram that best represents the relationship among the given classes. Singer, Musician, Businessman

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

18. Luminous intensity : Candela : : Pressure : ?

(a) Radian   (b) Newton   (c) Pascal   (d) Joule

19. Arrange the following words as per the order in the dictionary:

1. RESIGN   2. REPAIR   3. RESIDUE
4. RESEARCH   5. RESCUE

(a) 4 5 3 1 2   (b) 2 5 4 3 1   (c) 2 5 4 1 3
(d) 5 4 3 1 2

20. X and Y are brothers. R is the father of Y. T is the sister of S who is maternal uncle of X. How is T related to R?

(a) Mother   (b) Wife   (c) Sister   (d) Brother

Directions (21-30): In the following questions, select the number which can be placed at the sign of question mark (?) from the given alternatives.

21.

7	3	2
6	11	5
5	1	8
72	?	50

(a) 38   (b) 40   (c) 42   (d) 44

22.

1	7	2
8	6	4
9	2	5
4	7	?

(a) 9   (b) 10   (c) 11   (d) 12

23.

8	24		12	36		14	42
216	72		324	108		?	126

(a) 178   (b) 252   (c) 378   (d) 630

24.

	3				4				2	
6	15	1		7	19	5		3	?	1
	4				2				9	

(a) 16   (b) 17   (c) 18   (d) 19

25.

7	8	2
2	3	3
4	1	7
5	6	?

(a) 1   (b) 2   (c) 4   (d) 6

26.

11	2	4	98
3	6	5	100
8	9	1	?

(a) 72   (b) 75   (c) 88   (d) 82

27.

3	4	2
1	6	5
4	2	3
20	14	?

(a) 11   (b) 12   (c) 14   (d) 16

28.

3	11	5	45
2	4	6	44
3	7	8	?

(a) 72   (b) 76   (c) 80   (d) 84

29.

1	4		5	8		6	9
10	7		14	11		?	12

(a) 13   (b) 14   (c) 15   (d) 16

30.

	7				7				3	
4	16	3		5	19	6		8	?	7
	2				1				4	

(a) 20   (b) 21   (c) 22   (d) 24

31. In a row of people Sumit is 7th from bottom end of row. Dipak is 10 ranks above Manu. If Dipak is 8th from top, then how many people are there in this row?

(a) 25   (b) 26   (c) 24   (d) 23

32. Six persons A, B, C, D, E and F are standing in a circle. B is between F and C. A is between E and D. F is to the left of D. Who is between B and D?

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

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

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

34. P is shorter than Q but taller than T. R is the tallest and S is shorter than P but not the shortest. Who is second last in the descending order of height?

(a) P   (b) Q   (c) S   (d) T

35. Six games are kept one on top of the other. Uno is just above Snakes & Ladders. The Monopoly is between Ludo and Chess. Carrom is between Uno and Ludo. Which game is between the Carrom and Monopoly games?

(a) Uno   (b) Chess   (c) Carrom   (d) Ludo

36. Rakesh is 6 ranks ahead of Tanvir in a class of 42 students. If Tanvir's rank is eighteenth from the last, then what is Rakesh's rank from the start?

(a) 14th   (b) 15th   (c) 19th   (d) 17th

37. Aman, Rohit, Suresh, Danish and Alok are arranged in descending order of weight. Aman is third from the top. Alok is between Danish and Aman while Danish is not at the top. Who is at the top?

(a) Aman   (b) Rohit   (c) Suresh
(d) Cannot be determined

38. In a row of cars Maruti is 20th from the left end of row. Honda is 10th to the right from Maruti and is at the exact center of row. How many cars are there in the row?

(a) 54   (b) 59   (c) 57   (d) 56

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

(a) MG   (b) QK   (c) VN   (d) UO

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

(a) 8912   (b) 3469   (c) 5555   (d) 6734

Directions (41 - 45) : Eight persons – P, Q, R, S, T, U, V and Z – are going to the four destinations viz., Chennai, Delhi, Mumbai and Kolkata and they represent four different departments viz., Human Resources, Sales, Finance and Marketing but not necessarily in the same order. At least two persons belong to the same department and at least two of them visit the same destination. P belongs to the Finance department and he visits the same city as that of V. V does not belong to the Finance. Marketing or Human Resources Department. V does not visit Kolkata or Mumbai. R visits Chennai and belongs to the Human resources Department. The person who belongs to the Finance Department other than P visits Chennai, Q and V belongs to the same Department. U visits Mumbai and he does not belong to Sales and Marketing Department. The two persons who belong to the Marketing Department visit Kolkata. S does not belong to the Marketing Department.

41. Which of the following combinations of Person – City – Destination is correct ?

(a) P – Mumbai –Finance   (b) R – Chennai – Human Resources
(c) T – Kolkata – Marketing   (d) S – Chennai –Sales

42. Which of the following two persons visit Mumbai ?

(a) Q and V   (b) R and S   (c) Q and S   (d) Q and U

43. T belongs to which department ?

(a) Marketing   (b) Sales (c) Human Resources   (d) Finance

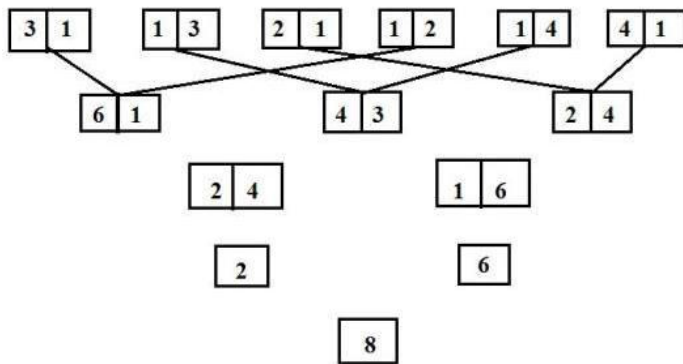44. Who among the following belongs to the Sales Department ?

(a) Q and Z   (b) R and V   (c) Q and V   (d) R and Z

45. Which of the following cities is visited by S?

(a) Mumbai   (b) Kolkata   (c) Delhi   (d) Chennai

Directions(46-50): A number arrangement machine arranges two digit numbers into a typical manner. Each step taken gives output taking input from the previous step. The following is an illustration of Input and rearrangement. Using the illustration answer the question given below.
Input :

[3|1] [1|3] [2|1] [1|2] [1|4] [4|1]

[6|1] [4|3] [2|4]

[2|4] [1|6]

[2] [6]

[8]

Input :

[1|4] [1|2] [3|1] [2|5] [4|1] [2|2]

46. If the value "6" is added to the final output then what will be the resultant value?

(a) 12   (b) 13   (c) 10   (d) 11

47. If in the first step the second digit of every number is added and divided by 3 then which will be the resultant value?

(a) 5   (b) 6   (c) 2   (d) 4

48. Which of the following combinations represent the first digit of the third value and the second digit of the first value in Step I of the given input?

(a) 5, 1   (b) 1, 5   (c) 8, 6   (d) 6, 8

49. Which of the following represents the sum of the second digit of the second value and the first digit of the first value in Step II of the given input?

(a) 8   (b) 7   (c) 6   (d) 4

50. Which of the following represents the difference between the first value and the second value of Step III of the given input?

(a) 1   (b) 2   (c) 0   (d) 4