MISCELLANEOUS QUESTIONS [SET – 7]

Directions (1-2):
R is married to U. U is the mother of L. L is the sister of D. U has only one daughter. D is married to J. K is the son of J. F is the mother of J.

1. How is D related to F ?

(a) Cannot be determined   (b) Daughter
(c) Daughter-in-law   (d) Son-in-law

2. How is R related to K ?
(a) Cannot be determined   (b) Grandfather
(c) Grandmother   (d) Father

Directions (3-5) :
Each of the six buildings P, Q, R, S, T and U houses different number of offices. S has more offices than only T and R. Q has more number of offices than P but less than U. R does not house the least number of offices. The building which houses the least number of offices has 5 offices. The building which has second highest number of offices has 23 offices. S has 11 less number of offices than Q.

3. Which of the following buildings has the second least number of offices ?

(a) Q   (b) U   (c) R   (d) P

4. The number of offices in P is an even number which is divisible by 2 as well as 3. How many offices does P have ?

(a) 20   (b) 24   (c) 16   (d) 18

5. Which of the following is the number of offices in the building R ?

(a) 25   (b) 12   (c) 13   (d) 11

Directions (6-10): In each of the following questions relationship between different elements is shown in the statements. The statements are followed by two Conclusions numbered I and II. Study the Conclusions based on the given statements and select the appropriate answer.
Give answer
(a) if only Conclusion II is true
(b) if only Conclusion I is true
(c) if both the Conclusion I and Conclusion II are true
(d) if either Conclusion I or Conclusion II is true
(e) if neither Conclusion I nor Conclusion II is true

(6-7) : Statements :
$S \leq L \leq I = P \geq E > R; L > Q$

6. Conclusions :

I. $P \geq S$
II. $I > R$

7. Conclusions :
I. $L < R$
II. $E \geq Q$

(8-10) : Statements :
$G > R \geq E = A < T \leq S$
$D < A < J$

8. Conclusions :
I. $T \geq D$
II. $R > S$

9. Conclusions :
I. $J > E$
II. $J = E$

10. Statements :
$A \geq B > C \leq D \leq E < F$
Conclusions :
I. $A \geq E$
II. $C < F$

11. In the following question you have to identify the correct response from the given premises stated according to following symbols. If + means ÷, - means ×, ÷ means + and × means –, then

(a) 54   (b) 66   (c) 186   (d) 48

12. Out the six members panel sitting in a row 'U' is to the immediate left of 'V' but on the immediate right of 'W' who is to the immediate right of 'X' and 'Y' is at the immediate right of 'Z' who is to the left of 'X'. Find the members sitting right in the middle.
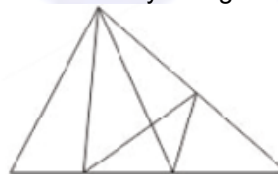
(a) ZY   (b) XW   (c) UV   (d) WV

13. Find the missing number from the given responses.

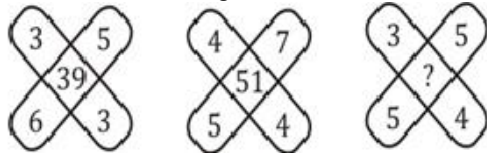| 6 | 15 | 20 |
8	4	5
3	5	20
51	65	?

(a) 56   (b) 120   (c) 51   (d) 12

14. How many triangles are there in the given figure?

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

15. Find the missing number.

(a) 35   (b) 37   (c) 45   (d) 47

16. Which one of the given responses would be a meaningful order of the following words?

1. Wall   2. Clay   3. House   4. Room   5. Bricks

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

17. 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 are to decide which of the given conclusions can definitely be drawn from the given statements. Indicate your answer
Statements :
(I) Irregularity is a cause for failure in exams.
(II) Some regular students fail in the examinations.
Conclusions :
(I) All failed students are regular.
(II) All successful students are not regular.

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

18. (I) F is the brother of A,
(II) C is the daughter of A,
(III) K is the sister of F,
(IV) G is the brother of C.

Who is uncle of G?

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

19. In which answer figure is the question figure embedded?
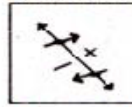**Question Figure:**
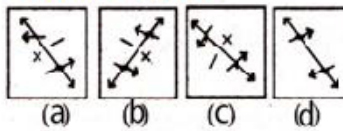

Answer Figure:

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

20. Choose the correct image of the figure when seen in water from the responses given below :

Question Figure:

Answer Figure:

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

Directions (21-22): Choose the correct alternative that will replace the question mark.

21.   66, 36, 18, ?

(a) 3   (b) 7   (c) 9   (d) 8

22. 3, 12, 27, 48, 75, ?

(a) 108   (b) 162   (c) 156   (d) 142

Directions (23-25): Select the related letters/word/ number/figure from the given alternatives.

23. ACEG : IKMO : : QSUW : ?

(a) XBDF   (b) MOQS   (c) YACE   (d) BDFH

24. EHGI : LONP : : ? : ORQS

(a) GJIK   (b) GIHJ   (c) HKJL   (d) HJIK

25. 7584 : 5362 : : 4673 : ?

(a) 2367   (b) 2451   (c) 2531   (d) 2485

26. In the matrices a letter can be represented first by its row number and followed by its column number For example, A is represented by 12, 24; and R by 57, 76, etc. In each of the equations following matrices, identify one set of number pairs out of (A), (B), (C) and (D) which represents the given word 'EAST'

MATRIX-I

	0	1	2	3	4
0	A	E	S	T	H
1	T	H	A	E	S
2	E	S	T	H	A
3	H	A	E	S	T
4	S	T	H	A	E

MATRIX-II

	5	6	7	8	9
5	P	O	R	K	L
6	K	L	P	O	R
7	O	R	K	L	P
8	L	P	O	R	K
9	R	K	L	P	O

(a) 32, 31, 02, 04   (b) 20, 43, 33, 11
(c) 13, 12, 14, 10   (d) 44, 32, 21, 03

27. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

w_ _ xw_ _ x_ _ ax_ _ a_ _ wa_

(a) axawxa   (b) aawaxx   (c) aawwxx
(d) waawxx

28. 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, 'P' can be represented by 02, 10, etc., and 'G' can be represented by 68, 98, etc. Similarly, you have to identify the set for the word "TRAIL".

Matrix-I

	0	1	2	3	4
0	I	T	P	R	U
1	P	R	U	I	T
2	T	I	R	U	P
3	R	U	T	P	I
4	U	P	I	T	R

Matrix-II

	5	6	7	8	9
5	G	A	L	H	S
6	H	G	S	A	L
7	A	L	G	S	H
8	S	H	A	L	G
9	L	S	H	G	A

(a) 01, 03, 75, 00, 68   (b) 14, 30, 68, 13, 58
(c) 20, 44, 99, 21, 96   (d) 43, 11, 56, 34, 88

29. In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements:
I. All cups are vegetable.
II. All vegetable are pens.
Conclusions:
I. Some pens are vegetable.
II. Some pens are cups.
(a) Only conclusion (I) follows.
(b) Only conclusion (II) follows.
(c) Both conclusion follow.
(d) Neither conclusion (I) nor conclusion (II) follows.

30. The ratio of present ages of P and Q is 5 : 8. Three years later their ages will be in ratio 8 : 11.
What is the present age (in years) of Q?

(a) 5   (b) 11   (c) 14   (d) 8

31. In a certain coded language, 'hit ka tom' is written as 'tie the shoes', 'ka lo fod' is written as 'shoes of leather' and 'lo tin lot' is written as 'leather and raxin'. How is 'of' written in this code language?

(a) fod   (b) ka   (c) lo or fod   (d) tin

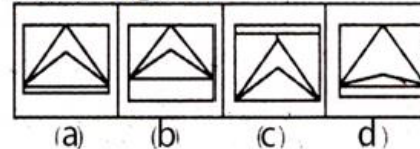32. In a code TIGER is written as SHFDQ, how shall HORSE be written in that code ?

(a) GNRQD   (b) GNQRD   (c) GRNQD   (d) GMQRD

33. Among the four answer figures, which one can be formed from the cut out pieces given below in the question figure ?

Question Figure :

Answer Figure :

(a)   (b)   (C)   d)

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

34. The average age of three friends A, B, C is 20 years. The average age of A and B is 19 years. What is the age of C ?

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

35. AGM, BHN, CIO, ?

(a) COU   (b) FQK   (c) DJP   (d) QXD

Directions (36-40): Study the following information carefully and answer the questions given below:
In a certain code language.
'festival for woman only' is written as 'pa ge bo xu'
'provide peace to women' is written as wr dl nj ge'
'women like to celebrate' is written as 'ge ct fx wr'
'celebrate peace in festival' is written as 'dl bo sv ct'
(All codes are two letter codes only)

36. What may be the possible code for 'provide idea' in the given code language ?

(a) fx hy   (b) xu bo   (c) hy nj   (d) nj xu

37. What is the code for 'celebrate' in the given code language ?

(a) ct   (b) wr   (c) sv   (d) dl

38. In the given code language what does the code 'pa' stand for ?

(a) peace   (b) either 'for' or 'only'
(c) either 'women' or 'to'   (d) celebrate

39. What is the code for 'women' in the given code language ?

(a) bo   (b) xu   (c) ct   (d) ge

40. If 'peace to mind' is coded as 'zg wr dl' in the given code language, then what is the code for 'mind in festival' ?

(a) zg bo dl   (b) dl zg sv   (c) zg nj wr   (d) bo sv zg

Directions (41-45)
Ten persons — J, K, L, M, N, O, P, Q, R and S 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 M in some way or the other.
Only two persons sit between Q and L. M sits second to the left of Q. Only three persons sit between L and M's sister. M's son sits second to the right of M's sister. Only one person sits between M's son and S. J sits to the immediate right of R. R is neither the son nor the mother of M. S is an immediate neighbour of M's mother. Only three persons sit between M's mother and M's brother. M's daughter sits second to the left of M's brother. M's father is not an immediate neighbour of M.
M's wife sits third to the right of K. L is to the right of Q. Only four persons sits between M and M's father.

41. Who sits second to the right R?

(a) M's brother   (b) M   (c) R   (d) N

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

(a) Six   (b) One   (c) None   (d) Two

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

(a) R sits second to the right of M's wife.
(b) M sits second to the left of L
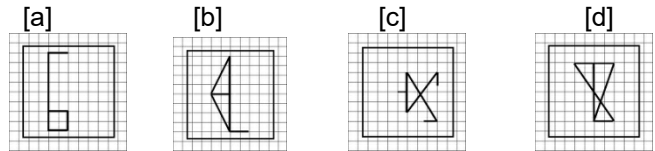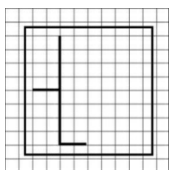(c) All the given options are true.
(d) S is the daughter of L.

44. How is K related to R ?
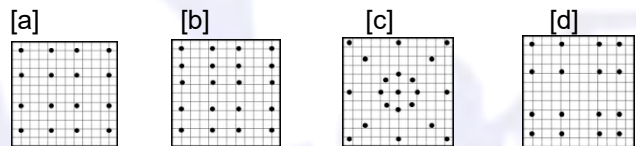
(a) Son-in-law   (b) Uncle   (c) Brother   (d) Niece

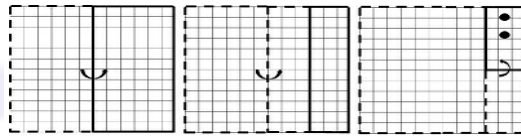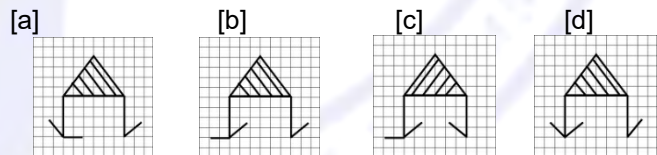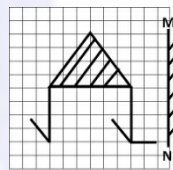45. Who amongst the following is the wife of M ?

(a) J   (b) L   (c) O   (d) Q

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

[a]   [b]   [c]   [d]

47. 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.

[a]   [b]   [c]   [d]

48.If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

[a]   [b]   [c]   [d]

49. There are 31 boys in a horizontal row. Amal was shifted by three places towards his right side and he occupies the middle position in the row. What was his original position from the right end of the row?

(a) 13th   (b) 17th   (c) 18th   (d) 19th

50. A is shorter than C and C is as tall as B and D is taller than B. Who is the tallest?

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