

MISCELLANEOUS QUESTIONS

[SET – 12]

1. If 'R' denotes '-'; 'Q' denotes 'x' 'W' denotes '/' and 'A' denotes '+', then- 42 W 7 R 8 A 6 Q 4 = ?

a) -22 b) -168 c) 22 d) 28 e) None of these

2. Mohan walked 30 metres towards South, took a left turn and walked 15 metres. He then took a right turn and walked 20 metres. He again took a right turn and walked 15 metres. How far is he from the starting point?

a) 95 m b) 50 m c) 70 m d) Cannot be determined
e) None of these

3. What should come next in the following letter series based on English alphabet?

CEA IKG OQM ?

a) STW b) WUS c) SWU d) UWS e) None of these

4. The positions of how many digits in the number 59164823 will remain unchanged after the digits are rearranged in descending order within the number?

a) None b) One c) Two d) Three e) More than three

5. What should come next in the following letter series?

P Q R S T A B C D E P Q R S A B C D E P Q R S A B C D P Q

a) R b) T c) A d) B e) None of these

6. In a certain code language, 'how can you go' is written as 'ja da ka pa', 'can you come here' is written as 'naka saja', and 'come and go' is written as 'ra pa sa'. How is 'here' written in that code language?

a) ja b) na c) pa d) Data inadequate e) None of these

7. How many such pairs of letters are there in the word TRIBUNAL each of which has as many letters between them in the word as in the English alphabet?

a) None b) One c) Two d) Three e) More than three

8. In a certain code DOWN is written as '5@9#' and NAME is written as '#6%3'. How is MODE written in that code?

a) %653 b) %@63 c) %5@3 d) %@53 e) None of these

9. How many meaningful English words can be formed with the letters LGEU using each letter only once in each word?

a) None b) One c) Two d) Three e) More than three

10. In a certain code THRIVES is written as SIUHRDU. How is SOULFUL written in that code?

a) VPTKKTE b) VPTKETK c) TPVKKTE
d) TNRKMVG e) None of these

Directions (11-15): In each of the questions below are given four statements followed by four conclusions numbered I, II, III & IV. You have to take 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 conclusions logically follows from the given statements disregarding commonly known facts.

11. Statements: Some trains are cars. All cars are branches. All branches are nets. Some nets are dresses.

Conclusions: I. Some dresses are cars.
II. Some nets are trains.
III. Some branches are trains.
IV. Some dresses are trains.

a) Only I and III follow b) Only II and III follow
c) Only I and IV follow d) Only II, III and IV follow
e) None of these

12. Statements: Some pencils are kites. Some kites are desks. All desks are jungles. All jungles are mountains.

Conclusions: I. Some mountains are pencils.
II. Some jungles are pencils.
III. Some mountains are desks.
IV. Some jungles are kites.

a) Only I and III follow b) Only I, II and III follow
c) Only III and IV follow d) Only II, III and IV follow
e) None of these

13. Statements: All papers are clips. Some clips are boards. Some boards are lanes. All lanes are roads.

Conclusions: I. Some roads are boards.
II. Some lanes are clips.
III. Some boards are papers.
IV. Some roads are clips.

a) Only I and II follow b) Only I and III follow
c) Only I, II and III follow d) Only II, III and IV follow
e) None of these

14. Statements: All pens are clocks. Some clocks are tyres. Some tyres are wheels. Some wheels are buses.

Conclusions: I. Some buses are tyres.
II. Some wheels are clocks.
III. Some wheels are pens.
IV. Some buses are clocks.

a) None follows b) Only I follow c) Only II follows
d) Only III follows e) Only IV follows

15. Statements: All stones are hammers. No hammer is ring. Some rings are doors. All doors are windows.

Conclusions: I. Some windows are stones.
 II. Some windows are rings.
 III. No window is stone.
 IV. Some rings are stones.

- a) Only I follows b) Only II follows c) Only III follows
 d) Only either I or III follows
 e) Only either I or III and II follow

Directions (16- 20) : A, B, C, D, E, F, G, H and K are sitting around a circle facing the centre. F is fourth of the right of A who is third of the right of B. K is fourth to the left of B and third to the right of D. C is third to the right of H. E is second to the left of G.

16. Who is fourth to the left of G?

- a) C b) A c) D d) K e) Data inadequate

17. What is E's position with respect to B?

- a) Second to the left b) Third to the right
 c) Fourth to the right d) Third to the left
 e) Fifth to the right

18. Who is third to the right of K?

- a) F b) E c) G d) Data inadequate e) None of these

19. Who is to the immediate right of F?

- a) B b) G c) E d) Data inadequate e) None of these

20. In which of the following combinations is the third person sitting between the first and the second persons?

- a) GFB b) BGH c) ADC d) KEC e) EGF

21. 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

22. In the following question, select the word which cannot be formed using the letters of the given word.
 QUALIFICATION

- (a) LIAR (b) FIAT (c) LION (d) FICTION

23. In the following question, select the word which cannot be formed using the letters of the given word.
 POSSESSION

- (a) SESSION (b) POSE (c) POISE (d) OBSESS

24. In a certain code language, "RANGE" is written as

"FIQEW" and "ARAGE" is written as "FIDVF". How is "PRANK" written in that code language?

- (a) MQEWW (b) LPDVU (c) UVDPL (d) VWEQM

25. In a certain code language, "HAUNTED" is written as "4013592" and "RINGED" is written as "763892". How is "HINGE" written in that code language?

- (a) 36589 (b) 57864 (c) 40359 (d) 46389

26. If "P" denotes "divided by", "R" denotes "added to", "S" denotes "subtracted from" and "Q" denotes "multiplied by", then $48 P 4 R 3 Q 4 S 6 Q 4 = ?$

- (a) 20 (b) 1 (c) 6 (d) 0

27. In the following question, correct the equation by interchanging two numbers.

$$9 \times 3 - 8 \div 2 + 7 = 26$$

- (a) 3 and 7 (b) 9 and 2 (c) 7 and 9 (d) 3 and 8

28. If $9 \theta 11 \alpha 2 = 40$ and $13 \theta 12 \alpha 3 = 75$, then $40 \theta 41 \alpha 5 = ?$

- (a) 340 (b) 365 (c) 320 (d) 405

29. If $8 \alpha 48$, $12 \alpha 120$ and $15 \alpha 195$, then what is the value of 'A' in $19 \alpha A$?

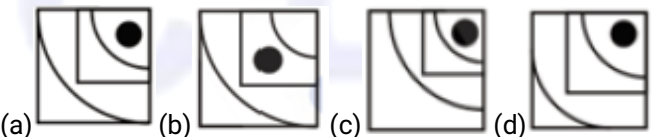
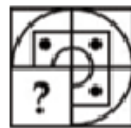
- (a) 323 (b) 347 (c) 360 (d) 312

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

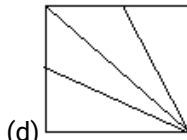
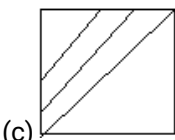
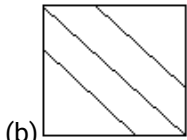
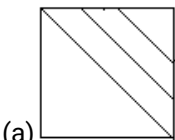
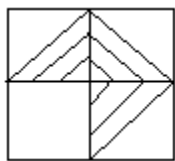
7	8	2
2	3	3
4	1	7
5	6	?

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

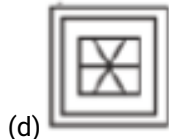
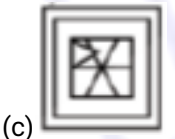
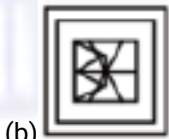
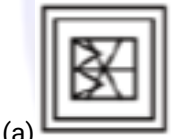
31. Which answer figure will complete the pattern in the question figure?



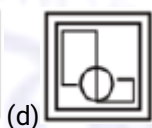
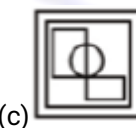
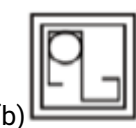
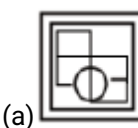
32. Which answer figure will complete the pattern in the question figure?



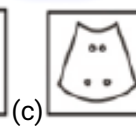
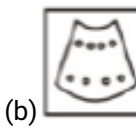
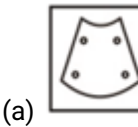
33. From the given answer figures, select the one in which the question figure is hidden/embedded.



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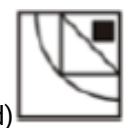
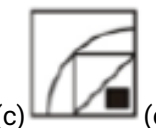
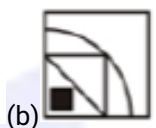
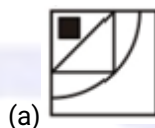
35. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



36. Sita ranks nineteenth in a class of 68 students . What is her rank from last ?

- a) 50 b) 51 c) 49 d) 48

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



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



39. 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, 'L' can be represented by 11, 42, etc., and 'A' can be represented by 65, 96, etc. Similarly, you have to identify the set for the word "FISH".

	0	1	2	3	4
0	P	I	Y	F	L
1	F	L	P	I	Y
2	I	Y	F	L	P
3	L	P	I	Y	F
4	Y	F	L	P	I

	5	6	7	8	9
5	H	S	E	A	P
6	A	P	H	S	E
7	S	E	A	P	H
8	P	H	S	E	A
9	E	A	P	H	S

- (a) 66, 00, 68, 14 (b) 95, 44, 87, 33
- (c) 89, 32, 75, 42 (d) 41, 13, 68, 86

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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, 'M' can be represented by 22, 44, etc., and 'T' can be represented by 67, 96, etc. Similarly, you have to identify the set for the word "CROPS".

Matrix-I

	0	1	2	3	4
0	M	C	O	S	N
1	C	N	S	M	O
2	N	O	M	C	S
3	S	M	N	O	C
4	O	S	C	N	M

Matrix-II

	5	6	7	8	9
5	T	U	Q	P	R
6	P	R	T	U	Q
7	U	Q	P	R	T
8	Q	P	R	T	U
9	R	T	U	Q	P

- (a) 13, 68, 10, 67, 40 (b) 42, 89, 41, 85, 31
 (c) 34, 66, 33, 58, 30 (d) 13, 56, 24, 95, 14

41. Introducing a man, Ranu said. "He is the only son of my grandmother's only child". How is the man related to Ranu?

- (a) Father (b) Brother (c) Son (d) Grand Father

42. Statements: Money plays a vital role in politics.
 Conclusions: I. The poor can never become politicians.
 II. All the rich men take part in politics.

- (a) Only conclusion I follows
 (b) Only conclusion II follows
 (c) Either I or II follows (d) Neither I nor II follows

43. Pointing to a man in a photograph, Isha said. "His father's only son is my father". How is Isha related to that Man?

- (a) Sister (b) Niece (c) Mother (d) Daughter

44. If in a certain language, COMPUTER is coded as 24681973. How is ROTER coded in that language?

- (a) 3 7 6 8 9 (b) 3 9 4 3 7
 (c) 3 4 9 7 3 (d) 3 6 8 3 4

45. Insert the missing character depicted by ?

4	8	5
3	2	3
5	4	5
17	20	?

- (a) 15 (b) 20 (c) 42 (d) 12

Directions (46-48) Read the following information carefully to answer the questions that follow.

A family consists of six members P, Q, R, X, Y and Z. Q is

the son of R but R is not the mother of Q. P and R are married couple. Y is the brother of R. X is the daughter of P and Z is the brother of P.

46. Who is the brother-in-law of R?

- A) P B) Z C) Y D) X

47. How many female members are there in the family?

- A) One B) Two C) Three D) Four

48. Which of these is a pair of brothers?

- A) P and X B) P and Z C) Q and X D) R and Y

Directions (49-50) Read the following information carefully to answer the questions that follow.

There are six children taking part in an essay competition, namely A, B, C, D, E and F. A and E are brothers. F and D are the sister of E. C is the only son of A's uncle. B and D are the daughters of the brother of C's father.

49. How is D related to A?

- A. Uncle B. Sister C. Niece D. Cousin

50. How many male competitors are there?

- A. 6 B. 5 C. 4 D. 3