

Puzzle & Sitting Arrangement

Directions (1 – 5): Answer the questions on the basis of the information given below.

Eight children – A, B, C, D, E, F G and H live on seven different floors (numbered 1 to 8) of a building but not necessarily in same order. Each one of them has got different marks in a test – 9, 14, 16, 23, 35, 41, 48 and 57.

E lives on an even numbered floor below floor numbered 6. Two children live between E and one who got 41 marks. Same number of children live above E as below the floor of A. The one who got 23 marks lives on a floor immediately above A. One child lives between the ones who got 23 and 16 marks respectively. Two children lives between the floors of G and one who got 35 marks such that G is above the one who got 35 marks. Neither A nor E got 35 marks. One child lives between the ones who got 35 and 9 marks respectively. D lives on one of the floors below the one who got 35 marks. H got 9 marks and lives on an odd numbered floor. Difference between the marks of F and C is 21. F lives above C. A did not get highest marks.

1. Who got 35 marks?

- A) D B) C C) B D) E E) F

2. How many children live between A and H?

- A) Three B) Four C) One D) None E) Five

3. Who got the highest marks?

- A) D B) B C) G D) E E) None of these

4. Which of the following combination of floor no – child – marks is true as per given arrangement?

- A) 7 – B – 16
B) 8 – F – 41
C) 4 – E – 23
D) 5 – A – 48
E) 3 – D – 57

5. Who among the following lives on the floor numbered 4?

- A) B

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- B) The one who got 48 marks
- C) The one who got 16 marks
- D) D

ANSWERKEY: 1--B, 2--A, 3--A, 4--D, 5--C

Directions (6 – 10): Answer the questions on the basis of the information given below.

Eight persons – A, B, C, D, P, Q, R and S are sitting around a circle not in same order. Three of them are facing towards the centre of circle while others are facing outside.

D is sitting third to right of A. There are 2 persons between D and Q. C and P are immediate neighbors and both are facing opposite direction. C and P both are not immediate neighbors of Q. S is sitting third to right of C. There is one person sitting between S and R. Q and D are facing opposite directions (like if Q is facing inside, then D is facing outside and vice versa). B is sitting immediate left of D. S sits second to right of R. D and S faces same direction. D and C faces opposite direction.

6. Who is sitting second to left of Q?

- A) A
- B) D
- C) S
- D) B
- E) P

7. Who is sitting opposite S?

- A) C
- B) P
- C) D
- D) A
- E) Q

8. Who is sitting third to right of P?

- A) Q
- B) D
- C) R
- D) B
- E) A

9. Which of the following persons faces towards the centre?

- A) B, D, S
- B) A, D, P
- C) A, C, Q
- D) C, Q, S

E) None of these

10. Four of the following five are alike in a certain way based on the given arrangement and so form a group. Which is the one that does not belong to that group?

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A) Q – C

B) B – Q

C) P – S

D) A – B

E) D – R

ANSWERKEY: 6--D, 7--B, 8--A, 9--C, 10--B

Directions (11 – 15): Answer the questions on the basis of the information given below.

Ten people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1 A, B, C, D, and E are seated and all of them are facing South. In row-2 P, Q, R, S, and T are seated and all of them are facing North. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

B is sitting at second position from right end of row. The person who is sitting second to left of Q is facing B. T is immediate neighbor of P. Either of T or P is sitting at one of the extreme ends of line. D is sitting opposite S. E is sitting second to the right of D. The person who is facing P is sitting second to right of A. R faces one who is sitting second to left of D.

11. Which of the following is true as per the above arrangement?

A) Q is one place away from P

B) E is sitting second to left of D

C) Two persons are sitting between B and C

D) B is facing S

E) C is not sitting at an extreme end.

12. Who is facing C?

A) Q

B) R

C) T

D) P

E) S

13. How many persons are sitting between P and Q?

A) None

B) Three

C) One

D) Two

E) cannot be determined

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14. Four of the following five are alike in a certain way based on the given arrangement and so form a group. Which is the one that does not belong to that group?

- A) A – S
- B) D – Q
- C) E – P
- D) B – Q
- E) C – Q

15. Which of the following pairs is sitting at extreme end of lines?

- A) C, P
- B) C, T
- C) R, P
- D) E, A
- E) None of these

ANSWERKEY: 11--C, 12--B, 13--C, 14---D, 15--B

Directions (16 – 20): Answer the questions on the basis of the information given below.

8 boxes – A, B, C, D, E, F, G and H are placed one above the another but not necessarily in the same order.

There are four boxes placed between D and G. Two boxes are placed between B and G. Number of boxes between A and G is same as between H and B. A is placed above G. Two boxes are placed between A and H. C is placed just above G. There are at least 2 boxes between E and B.

16. Which box is at top most position?

- A) C
- B) A
- C) E
- D) H
- E) None of these

17. How many boxes are between boxes E and A?

- A) None
- B) Three
- C) One
- D) Five
- E) Four

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18. Which box is placed just above box B?

- A) A B) C C) E D) H E) D

19. How many boxes are below box F?

- A) Three B) Four C) None D) Two E) Six

20. How many boxes are above box D?

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

ANSWERKEY: 16--D, 17--C, 18--A, 19--D, 20--A

Directions (21 – 25): Answer the questions on the basis of the information given below.

8 friends – A, B, C, D, P, Q, R, and S have birthdays in different months – January, March, April, June, July, September, October and December but not necessarily in the same order. They like different colors – green, blue, orange, red, purple, yellow, white, and black but not necessarily in the same order.

A's birthday is in a month having 30 days but before September. There are 2 days between A's birthday and one who likes black color. A does not like yellow color. The one who likes yellow color is not born in a month having 31 days. C does not like blue, red or purple color. C has birthday in a month having 31 days somewhere after A's. There are 2 birthdays between birthdays of C and S. S likes green color. B's birthday is just before S's. D does not like red, white or black color. There is one birthday between the ones who like orange and purple colors. D's birthday is in a month having 31 days. The ones who like blue and orange color do not have their birthdays in a month having 31 days. The one who likes white color does not have birthday in December. There is one birthday between birthday of P and one who likes white color. There is 1 birthday between birthday of Q and one who likes red color.

21. Who likes red color?

- A) C B) Q C) B D) R E) None of these

22. Who has birthday in September?

- A) R B) Q C) C D) P E) S

23. A likes which color?

- A) yellow B) red C) blue D) black E) purple

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24. Which of the following combination of Month-Person-Color is correct as per the given arrangement?

- A) June – C – blue
- B) April – D – yellow
- C) October – P – white
- D) September – R – Orange
- E) January – B – purple

25. Who have birthdays in months having 30 days?

- A) A, B, Q
- B) A, C, R
- C) A, D, P
- D) A, P, S
- E) A, Q, R

ANSWERKEY: 21--C, 22--A, 23--C, 24--D, 25--E