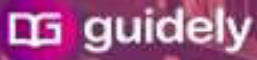


Linear Seating Arrangement – Set 1 (Eng)



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Linear Seating Arrangement – Set 1 (Eng)

Directions (1-5): Read the following information carefully and answer the questions given below.

Eight persons viz. A, B, C, D, E, F, G and H are sitting in a linear row such that all of them are facing towards south, but not necessarily in the same order.

Only two persons sit to the left of G. Only one person sits between G and B. D sits third to the right of G. A sits to the immediate left of F, but does not sit adjacent to D. C sits to the left of E, who does not sit at the extreme ends. As many persons sit to the right of B as to the left of H.

1. Who among the following person sits at the extreme end?

- a) A
- b) C
- c) B
- d) D
- e) F

2. Who among the following person sits second to the left of F?

- a) No one
- b) The one who sits to the immediate right of A
- c) C
- d) D
- e) The one who sits between A and C

3. How many persons sit between C and H?

- a) Two
- b) Three

- c) One
- d) Five
- e) None of these

4. Four of the following five are alike in a certain way and hence form a group. Which of the following one does not belong to that group?

- a) EF
- b) BC
- c) CA
- d) DH
- e) FG

5. If A is related to B and D is related to G in a certain way, then who among the following person is related to F?

- a) H
- b) A
- c) E
- d) D
- e) C

Directions (6-10): Read the following information carefully and answer the questions given below.

Nine persons viz. W, V, U, T, S, R, Q, P and O are sitting on a linear row such that all of them are facing towards south, but not necessarily in the same order.

Only two persons sit between P and R, who sits at one of the ends. The number of persons sitting to the left of P is one more than the number of

Linear Seating Arrangement – Set 1 (Eng)

persons sitting to the right of S. W sits adjacent to Q, who sits second to the right of S. As many persons sit to the right of W as to the left of O. U sits to the immediate left of V. T does not sit at any of the extreme ends.

6. Which of the following persons sit between S and T?

- a) R, P, Q
- b) P, U, V
- c) W, O, U
- d) U, Q, R
- e) U, V, W

7. Who among the following person sits second to the right of the person who sits to the immediate left of W?

- a) Q
- b) The one who sits third to the left of V
- c) The one who sits to the immediate left of R
- d) O
- e) All the above

8. How many persons sit between T and V?

- a) One
- b) Five
- c) Two
- d) Four
- e) None

9. What is the position of O with respect to U?

- a) Second to the left
- b) Immediate right
- c) Third to the left
- d) Fourth to the right
- e) Cannot be determined

10. In which of the following pair, the second person sits to the immediate left of the first person?

- a) U, V
- b) P, T
- c) S, Q
- d) R, O
- e) V, W

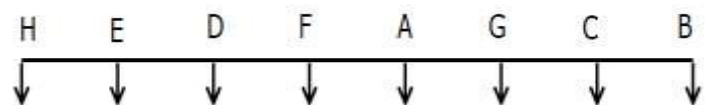
ANSWER WITH EXPLANATION

Directions (1-5):

- 1. Answer: C
- 2. Answer: E
- 3. Answer: D
- 4. Answer: B (Only one person sits between all the pairs, except option (b))

5. Answer: A

Final Solution:



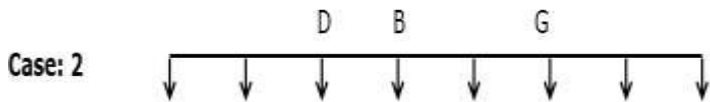
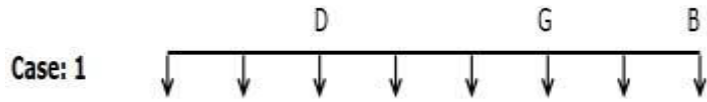
We have,

- Only two persons sit to the left of G.

Linear Seating Arrangement – Set 1 (Eng)

- Only one person sits between G and B.
- D sits third to the right of G.

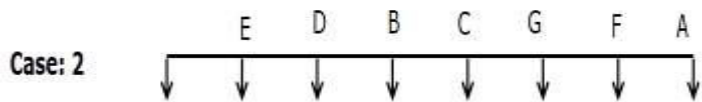
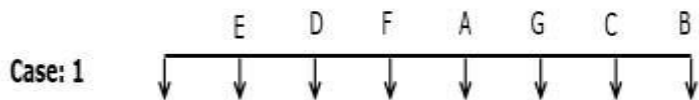
From the above conditions, there are two possibilities,



Again, we have,

- A sits to the immediate left of F, but does not sit adjacent to D.
- C sits to the left of E, who does not sit on the extreme ends.

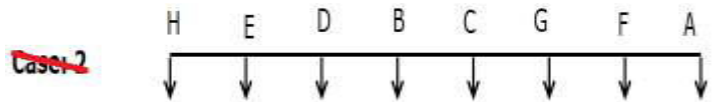
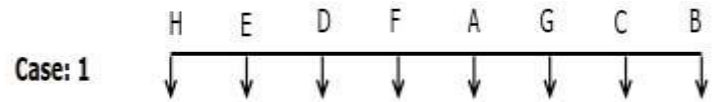
From the above conditions, the two possibilities are,



Again, we have,

- As many persons sit to the right of B as to the left of H.

From the above conditions, Case 2 gets eliminated. Case 1 shows the final arrangement.



Directions (6-10):

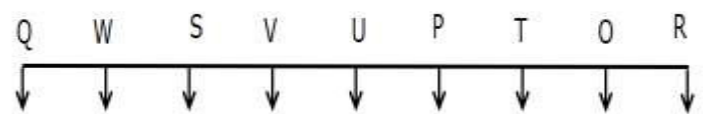
6. Answer: B

7. Answer: A

8. Answer: C

9. Answer: C

10. Answer: B

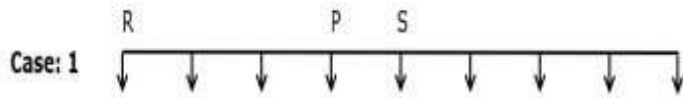


We have,

- Only two persons sit between P and R, who sits on the extreme end of the row.
- The number of persons sitting to the left of P is one more than the number of persons sitting to the right of S.

From the above conditions, there are two possibilities,

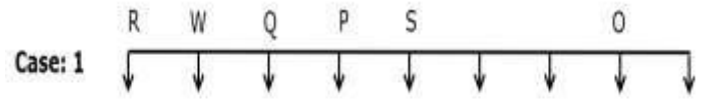
Linear Seating Arrangement – Set 1 (Eng)



Again, we have,

- W sits adjacent to Q, who sits second to the right of S.
- As many persons sit to the right of W as to the left of O.

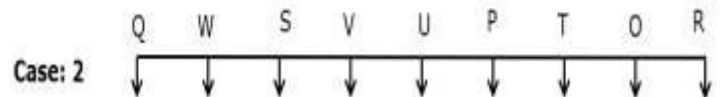
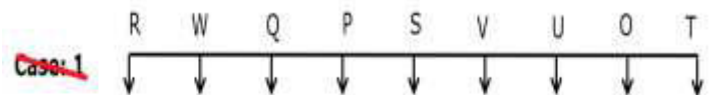
From the above conditions, the two possibilities are,



Again, we have,

- U sits to the immediate left of V.
- T does not sit at any of the extreme ends.

From the above conditions, Case 1 gets eliminated. Case 2 shows the final arrangement.



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