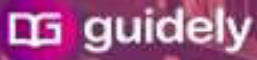


Linear Seating Arrangement – Set 2 (Eng)



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Linear Seating Arrangement – Set 2 (Eng)

Directions (1-5): Study the following information carefully and answer the below questions

Seven persons- A, B, C, D, E, F and G are sitting in the linear row facing the south but not necessarily in the same order.

B sits second from one of the ends. Only two persons are sitting between B and A. The number of persons sits to the left of A is the same as the right of G. The number of persons sitting between A and G is the same as between E and F. E and G are not immediate neighbours. C sits to the right of E but not an immediate neighbour of B.

1) Who among the following sits immediate left of B?

- A. The one who sits second to the left of G
- B. A
- C. F
- D. E
- E. The one who sits third to the left of C

2) Who among the following person sits to the left of A?

- A. The one who sits fourth from the right end
- B. B
- C. The one who sits immediate left of G
- D. D
- E. All of the above

3) If C is related to A and E is related to F in a certain way. Then, who among the following is related to D?

A. B

B. The one who sits third from the left end

C. The one who sits immediate left of A

D. E

E. C

4) How many persons are sitting between C and G?

- A. More than three
- B. None
- C. One
- D. Two
- E. Three

5) What is the position of F with respect to D?

- A. Third to the right
- B. Third to the left
- C. Second to the right
- D. Second to the left
- E. None of the above

Directions (6-10): Study the following information carefully and answer the below questions

Eight persons- E, F, G, H, I, J, K and L are sitting in the linear row but not necessarily in the same order. All are facing the south direction.

E sits second to the right of K. Only one person sits between K and I who sits at the end of the row. H and E are immediate neighbours. The number of persons sits to the left of G is the same as the number of persons sits to the right of F. F

Linear Seating Arrangement – Set 2 (Eng)

and I are not immediate neighbors. L sits second to the right of J.

6) How many persons sit to the right of J?

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

7) Which of the following statement is true?

- I) Only one person sits between J and H
- II) K sits immediate left of H
- III) L sits at the end of the table
- IV) J sits to the left of G

- A. Only (II) and (III)
- B. Only (I) and (IV)
- C. Only (I) and (II)
- D. Only (II) and (IV)
- E. Only (I), (II) and (III)

8) If all the persons are arranged in alphabetical order from the right end, then how many persons unchanged their position?

- A. One

B. Two

C. Three

D. More than three

E. None

9) Four of the five among the following are similar in such a way to form a group, which one of the following doesn't belong to the group?

- A. IK
- B. HJ
- C. JL
- D. HL
- E. EF

10) If J and K interchange their positions and F and I did the same, with respect to the new positions, who among the following person sits second to the right of F?

- A. L
- B. E
- C. G
- D. J
- E. H

ANSWER WITH EXPLANATION

Directions (1-5):

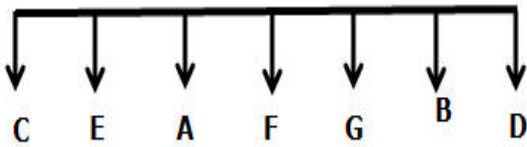
- 1) Answer: A
- 2) Answer: E
- 3) Answer: B

4) Answer: E

5) Answer: A

Final Arrangement

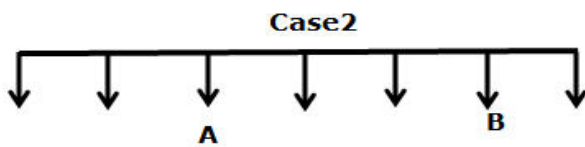
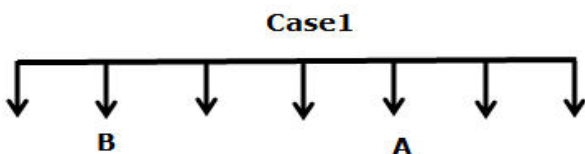
Linear Seating Arrangement – Set 2 (Eng)



We have,

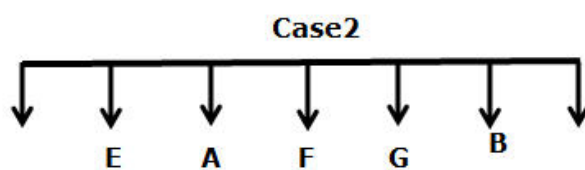
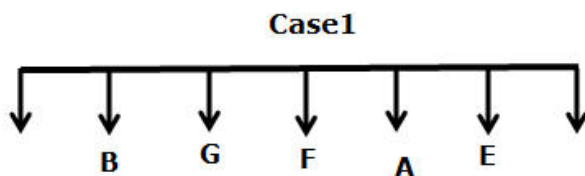
- B sits second from one of the ends.
- Only two persons are sitting between B and A.

From the above condition, there are two possibilities.



Again we have,

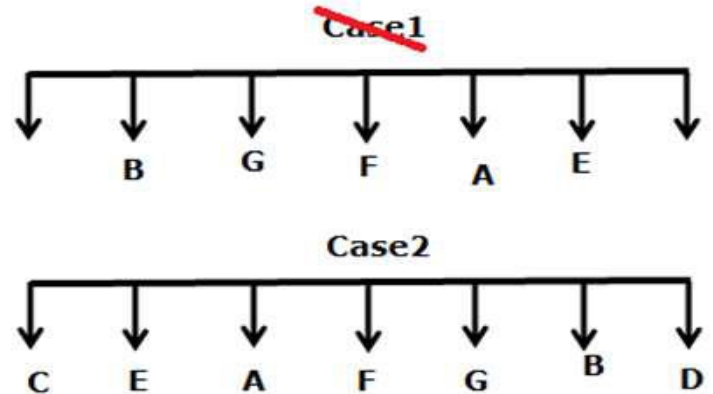
- The number of persons sits to the left of A is the same as the right of G.
- The number of persons sitting between A and G is the same as between E and F.
- E and G are not immediate neighbours.



Again we have,

- C sits to the right of E but not an immediate neighbour of B.

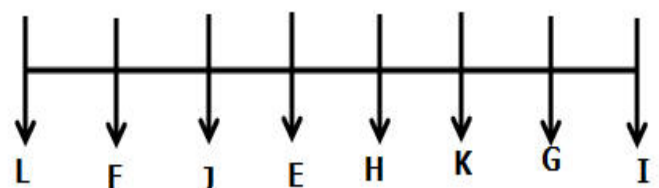
From the above condition, case1 gets eliminated. case2 shows the final arrangement.



Directions (6-10):

- 6) Answer: D
- 7) Answer: E
- 8) Answer: A
- 9) Answer: D
- 10) Answer: D

Final Arrangement



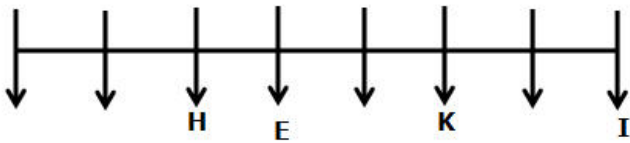
We have,

- E sits second to the right of K.
- Only one person sits between K and I who sits at the end of the row.
- H and E are immediate neighbours.

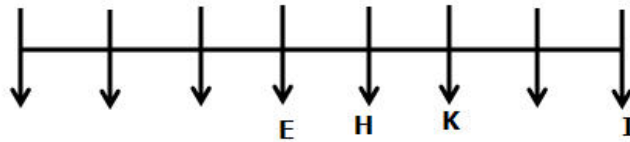
From the above condition, there are two possibilities.

Linear Seating Arrangement – Set 2 (Eng)

Case1



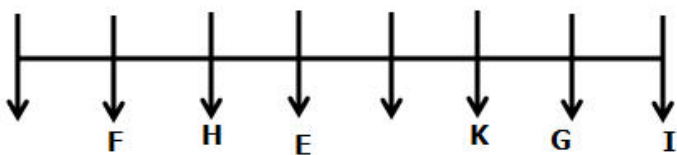
Case2



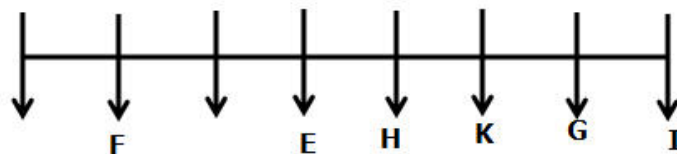
Again we have,

- The number of persons sits to the left of G is the same as the number of persons sits to the right of F.
- F and I are not immediate neighbours.

Case1



Case2



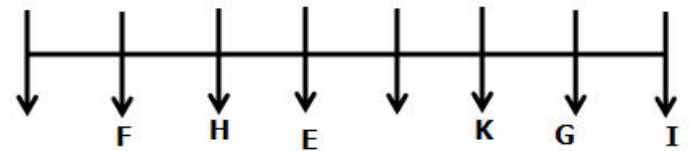
Again we have,

- L sits second to the right of J.

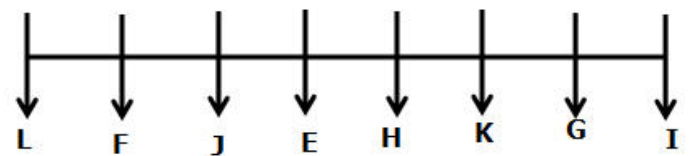
From the above condition, case1 gets

eliminated. Case2 shows the final arrangement.

~~Case1~~



Case2



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