


Linear Seating Arrangement – Set 4 (Eng)

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Linear Seating Arrangement – Set 4 (Eng)

Directions (1-5): Answer the questions based on the information given below.

Eight persons – E, F, G, H, I, J, K and L are standing in a linear row facing the north direction but not necessarily in the same order.

H stands third to the right of J. At least two persons stand to the left of J. The number of persons standing to the right of H is one more than the number of persons standing to the left of F. G stands to the right of H. As many persons stand between F and H as between G and E. K stands second to the right of L. I and K are not immediate neighbours.

1) How many persons stand to the right of L?

- a) One
- b) Five
- c) Four
- d) Two
- e) Three

2) Which of the following statement(s) is/are true?

- I) Only one person stands between L and K
- II) F stands immediate left of J
- III) I stands end of the row
- IV) E stands to the left of F

- 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)

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

- a) One
- b) Two
- c) Three
- d) More than three
- e) No one

4) 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 that group?

- a) IJ
- b) FE
- c) LK
- d) IG
- e) HG

5) If J and L are interchanged in their positions then K and I did the same, with respect to the new positions, who among the following person stands third to the right of E?

- a) The one who stands immediate left of F

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- b) F
- c) G
- d) I
- e) The one who stands second to the right of G

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

Eight boxes viz. G, H, I, J, K, L, M and N are placed in a linear row facing north with different rupee notes such as 5, 10, 20, 50, 100, 200, 500 and 2000, but not necessarily in the same order.

The box which has a 10rs note is placed three places away from H, which is to the immediate left of the box which has a 100rs note. Only one box is there between I and H. Neither I nor J is adjacent to the box which has a 100rs note. The box which has a 500rs note is exactly between H and J, which is placed to the left of H. Only three boxes are there between J and the box which has a 5rs note. G is placed three places away from the box which has a 500rs note. Only three boxes are there between G and N which has a 20rs note. M is placed second to the left of the box which has a 200rs note. L is placed two places away from the box which has a 50rs note.

6) Which of the following box is placed fifth to the left of H?

- a) The box which has a 10rs note
- b) The box which has a 200rs note
- c) The box which has a 2000rs note
- d) The box which has a 50rs note
- e) None of these

7) Which among the following box is placed exactly between M and the box which has a 5rs note?

- a) N
- b) The box which has a 100rs note
- c) L
- d) The box which has a 200rs note
- e) None of these

8) Which of the following statement(s) is/are true with respect to the final arrangement?

- I. Three boxes are placed between J and H.
- II. More than four boxes are placed to the left of I.
- III. The box which has a 5rs note is placed to the immediate left of N.

- a) Only I
- b) Both I and II
- c) Both I and III
- d) All I, II and III
- e) None of these

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9) How many boxes are placed between the box which has a 200rs note and K?

- a) One
- b) Two
- c) Three
- d) Four
- e) More than four

10) In which of the following statement the first box is placed exactly between the second and the third boxes in the following arrangement?

I. IGK

II. LMN

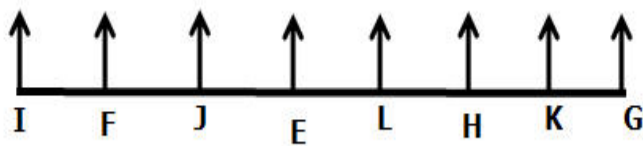
III. JIM

- a) Only I
- b) Only II
- c) Only I and III
- d) All I, II and III
- e) None of these

ANSWER WITH EXPLANATION

Directions (1-5):

Final Arrangement:

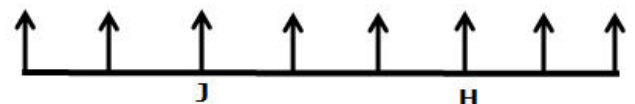


We have,

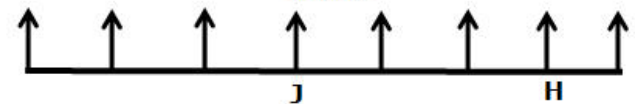
- H stands third to the right of J.
- At least two persons stand to the left of J.

From the above condition, there are three possibilities.

Case1



Case2



Case3



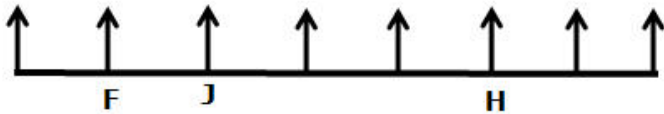
Again we have,

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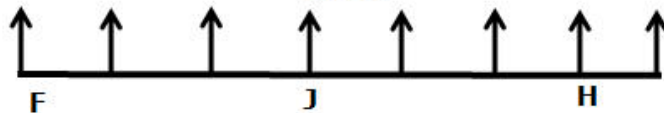
- The number of persons standing to the right of H is one more than the number of persons standing to the left of F.

From the above condition, case3 gets eliminated.

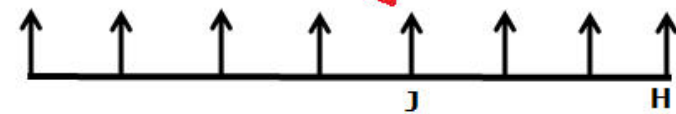
Case1



Case2



~~Case3~~



Again we have,

- G stands to the right of H.
- As many persons stand between F and H as between G and E.
- K stands second to the right of L.
- I and K are not immediate neighbours.

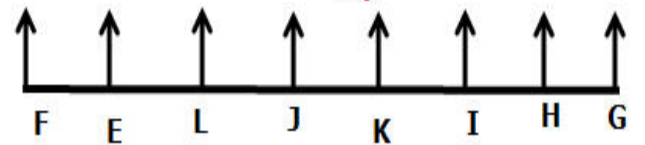
From the above condition, Case2 gets eliminated.

Case1 shows the final arrangement.

Case1



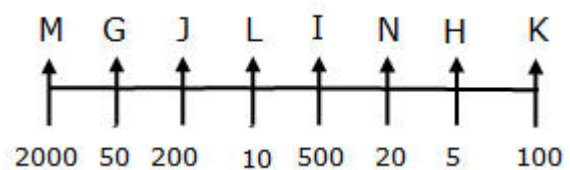
~~Case2~~



- 1) Answer: E
- 2) Answer: E
- 3) Answer: B
- 4) Answer: D
- 5) Answer: D

Directions (6-10):

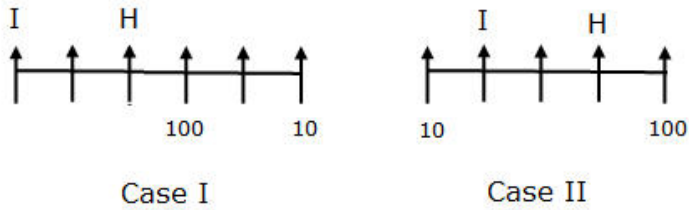
Final arrangement:



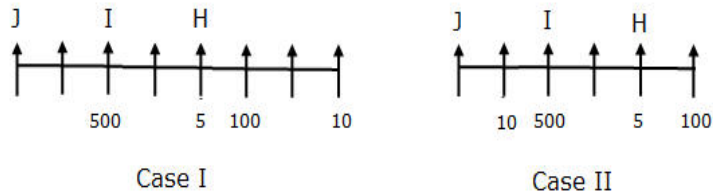
We have,

The box which has a 10rs note is placed three places away from H, which is to the immediate left of the box which has a 100rs note. Only one box is there between I and H. Neither I nor J is adjacent to the box which has a 100rs note.

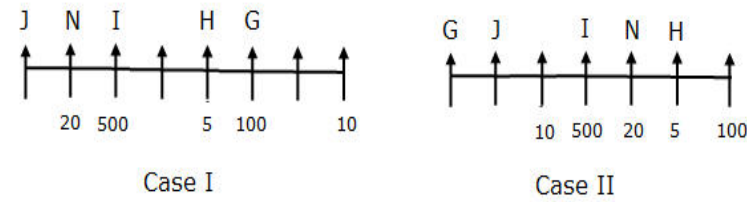
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The box which has a 500rs note is exactly between H and J, which is placed to the left of H. Only three boxes are there between J and the box which has a 5rs note.

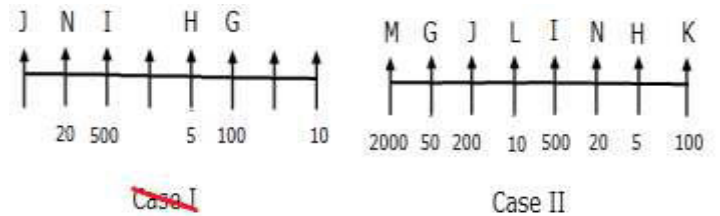


G is placed three places away from the box which has a 500rs note. Only three boxes are there between G and N which has a 20rs note.



M is placed second to the left of the box which has a 200rs note. L is placed two places away from the box which has a 50rs note.

Hence, case I gets eliminated.



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

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