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Seating Arrangement Questions for SBI PO Pre, IBPS PO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 107

Directions: Study the following information carefully and answer the questions given beside.

Eight persons namely J to Q are sitting on the square table but not necessarily in the same order. Four persons are sitting at the corner of the table and facing away from the center. Four persons are sitting at the middle of the table and facing towards the center. The persons are sitting at the corner of the table likes different fruits among Banana, Apple, Grapes and Mango. The persons are sitting at middle of the table likes different vegetables among Cucumber, Brinjal, Beans and Cabbage. All the above information is not necessarily in the same order.

K sits third to the right of O. One person sits between K and Q. One who likes Beans sits third to the left of Q. One who sits second to the right of the one who likes Beans is facing N. One who likes Cabbage sits second to the right of the one who likes Cucumber. The person J is the immediate neighbor of the one who like Brinjal and O. There are as many persons sit between P and M as between P and L. One who likes Mango sits third to the right of M. One who likes Beans and one who likes Mango are not immediate neighbors. J likes Banana. L and one who like Apple are not immediate neighbors.

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1. Who among the following likes Grapes?

A. M B. Q C. K D. N E. None of these

2. Who among the following person sit opposite to O?

A. The one who like Mango B. The one who like Grapes C. The one who like Cucumber
D. The one who like Cabbage E. None of these

3. Which among the following combination is true?

A. K-Mango B. M-Apple C. N-Banana D. L-Grapes E. None is true

4. What is the position of N with respect to the one who likes Banana?

A. Third to the right B. Second to the left C. Second to the right D. Immediate left E. None of these

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

A. K B. J C. Q D. M E. P

Correct Answers:

1	2	3	4	5
C	C	E	A	D

Common Explanations:

References:

J likes Banana.

The person J is the immediate neighbor of the one who like Brinjal and O.

K sits third to the right of O.

One person sits between K and Q.

One who likes Beans sits third to the left of Q.

Inferences:

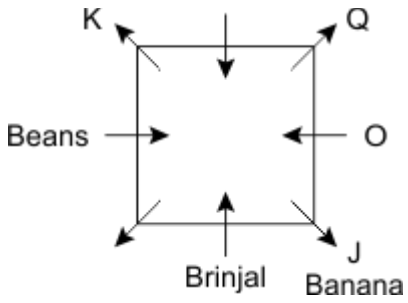
From above statements,

J likes Banana i.e. J likes fruits and sits at the corner of the table.

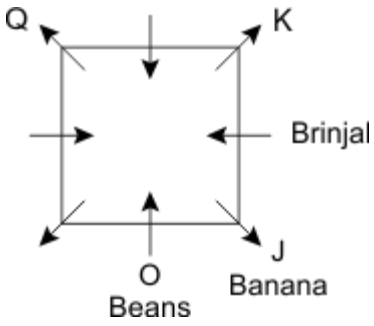
The person J is the immediate neighbor of the one who like Brinjal and O. Here we get two possibilities as shown in seating.

Remaining statements are given directly; by using we get 3 initial cases as follows

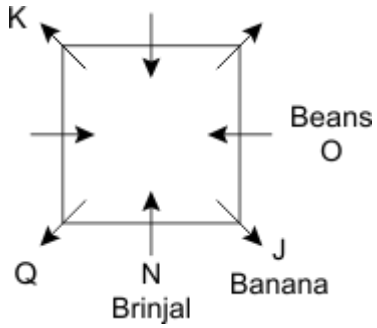
Case: 1



Case: 2



Case: 1-A



References:
One who sits second to the right of the one who likes Beans is facing N.

One who likes Cabbage sits second to the right of the one who likes Cucumber.

One who likes Beans and one who likes Mango are not immediate neighbors.

One who likes Mango sits third to the right of M.

Inferences:
From above statements,

One who sits second to the right of the one who likes Beans is facing N. With respect to the position of the one who likes Beans, N can be located in each of three cases as shown below.

One who likes Cabbage sits second to the right of the one who likes Cucumber i.e. both are vegetables. So those persons are sitting in the middle of the table. Already Beans and Brinjal is located in all the 3 cases. So we get only one possibility to place Cabbage and Cucumber as per statement.

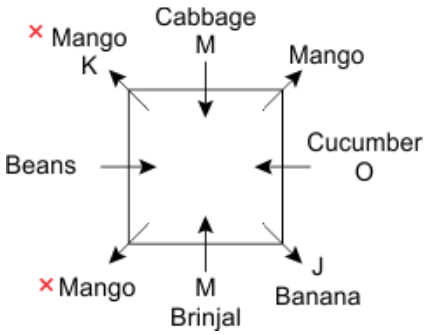
One who likes Beans and one who likes Mango are not immediate neighbors. One who likes Mango sits third to the right of M.

Here we get only one possibility in each case as per above statement.

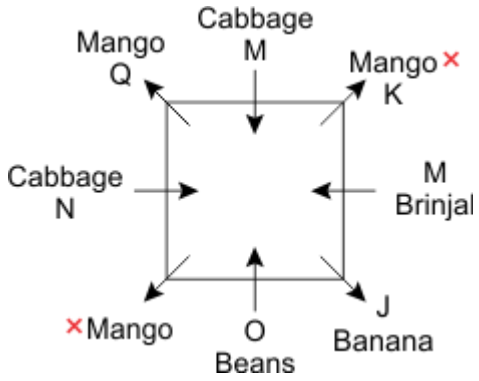
Note: In Case 1-A and case-2, K doesn't like Mango; if so then there is no place for M (O is occupied already in both cases) as per given statement.

By using above information, we get the following seating as shown

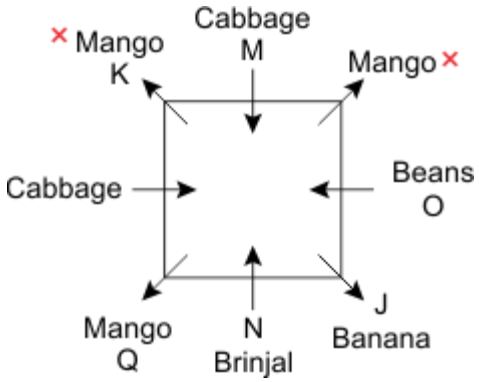
Case: 1



Case: 2



Case: 1-A



References:
There are as many persons sit between P and M as between P and L.

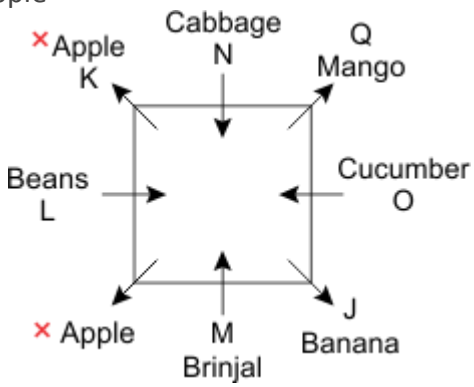
L and one who like Apple are not immediate neighbors.

Inferences:
From above statements,

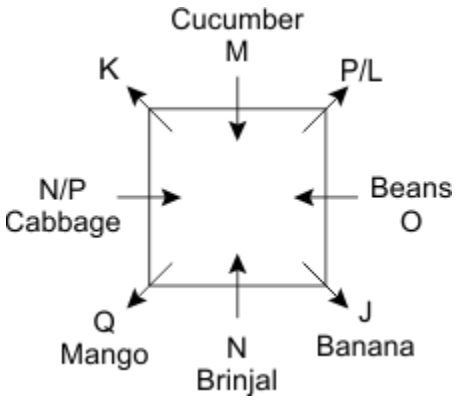
Case-1: P sits to the immediate left of M and L sits to the immediate right of P i.e. No one sits between P and M & no one sits between P and L. As per given statement, there is no place for Apple (L and one who like Apple are not immediate neighbors). Hence this case become invalid and it can be eliminated.

Case-1-A: Here, the 1st reference point (There are as many persons sit between P and M as between P and L doesn't get satisfied.). Hence this case become invalid and it can be eliminated.

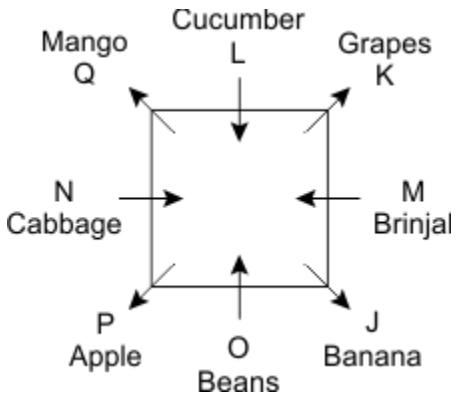
Case: 1 [Eliminated] – No Place for Apple



Case: 1-A [Eliminated] There are as many persons sit between P and M as betwen P and L.



Case-2: Here, P sits to the immediate left of O and L sits to the immediate left of K. By this two persons sit between P &M and also P & L (given condition satisfied). Given, L and one who like Apple are not immediate neighbors. Therefore P likes Apple and K likes Grapes (only possibility). Thus we get the completed seating as shown below.



Answers :

1. Following the common explanation, we get "K-Grapes",

Hence, option C is correct.

2. Following the common explanation, we get "The one who like Cucumber i.e. L",

L sit opposite to O.

Hence, option C is correct.

3. Following the common explanation, we get "None is true",

Hence, option E is correct.

4. Following the common explanation, we get "Third to the right",

N sits third to the right of the one who like Banana

Hence, option A is correct.

5. Following the common explanation, we get "M-sit in the middle of the sides",

Remaining 4 persons sit at the corner of the table.

Hence, option D is correct.

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