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Circle Based Arrangement

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

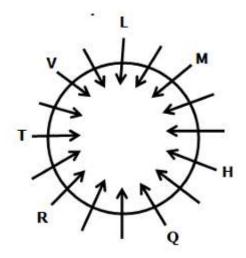
A certain number of persons are sitting around the circular table facing the center. Q sits second to the left of H. Only two persons are sitting between H and M. Only one person sits between M and L. L does not sit adjacent to H.

The number of persons sits between H and L is the same as the number of persons sit between H and R. The number of persons sits between Q and M is one less than the number of persons sits between R and L, when counted to the right of both Q and L respectively. L sits exactly in the middle of V and M. T sits second to the right of V.

- 1) Who among the following person sits fifth to the left of Q?
- a) The one who sits third to the right of M
- b) The one who sits second to the right of V
- c) H
- d) Q
- e) None of these

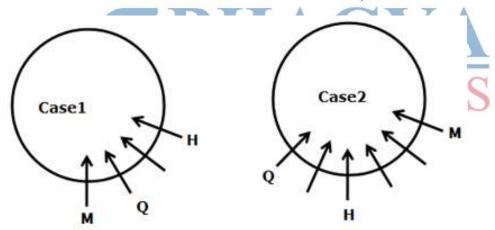
Answer: B





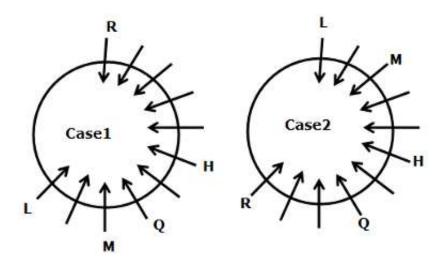
- Q sits second to the left of H.
- Only two persons are sitting between H and M.

From the above condition, there are two possibilities.



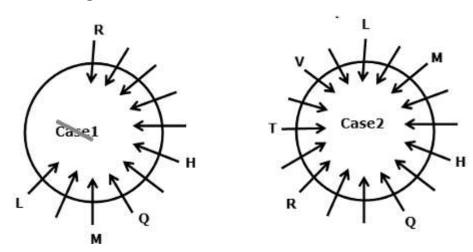
- Only one person sits between M and L.
- L does not sit adjacent to H.
- The number of persons sits between H and L is the same as the number of persons sit between H and R.





- The number of persons sits between Q and M is one less than the number of persons sits between R and L, when counted to the right of both Q and L respectively.
- L sits exactly in the middle of V and M.
- T sits second to the right of V.

From the above condition, case1 gets eliminated. Case 2 shows the final arrangement.



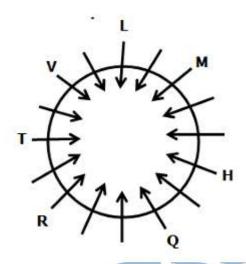
- 2) How many persons are sitting around the circular table?
- a) 19
- b) 17
- c) 16



d) 18

e) 20

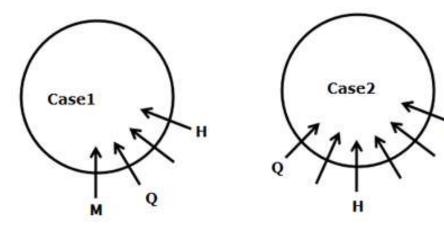
Answer: C



We have,

- Q sits second to the left of H.
- Only two persons are sitting between H and M.

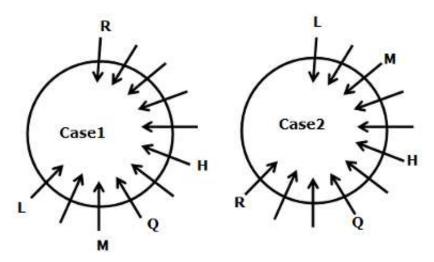
From the above condition, there are two possibilities.



- Only one person sits between M and L.
- L does not sit adjacent to H.



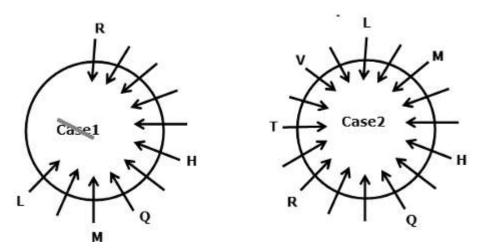
• The number of persons sits between H and L is the same as the number of persons sit between H and R.



Again we have,

- The number of persons sits between Q and M is one less than the number of persons sits between R and L, when counted to the right of both Q and L respectively.
- L sits exactly in the middle of V and M.
- T sits second to the right of V.

From the above condition, case1 gets eliminated. Case 2 shows the final arrangement.

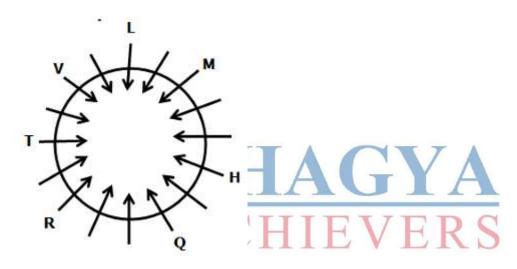


3) If T is related to V and L is related to M in a certain way. Then, who among the following is related to Q?



- a) The one who sits third to the left of V
- b) The one who sits second to the left of R
- c) M
- d) H
- e) None of these

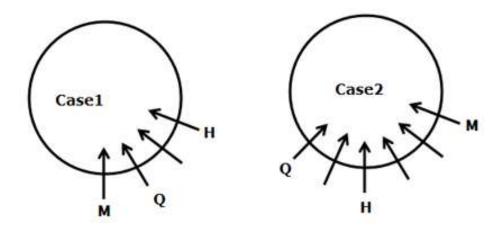
Answer:D



We have,

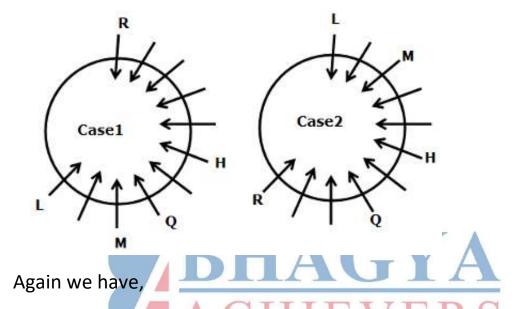
- Q sits second to the left of H.
- Only two persons are sitting between H and M.

From the above condition, there are two possibilities.





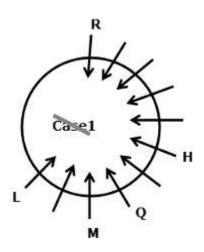
- Only one person sits between M and L.
- L does not sit adjacent to H.
- The number of persons sits between H and L is the same as the number of persons sit between H and R.

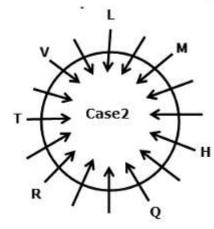


- The number of persons sits between Q and M is one less than the number of persons sits between R and L, when counted to the right of both Q and L respectively.
- L sits exactly in the middle of V and M.
- T sits second to the right of V.

From the above condition, case1 gets eliminated. Case 2 shows the final arrangement.



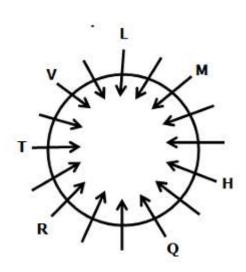




- 4) How many persons are sitting between T and M when counted from the left of T?
- a) Six
- b) Two
- c) Three
- d) Four
- e) Five





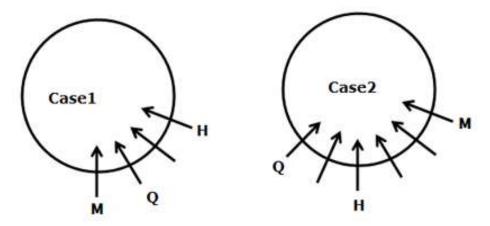


• Q sits second to the left of H.



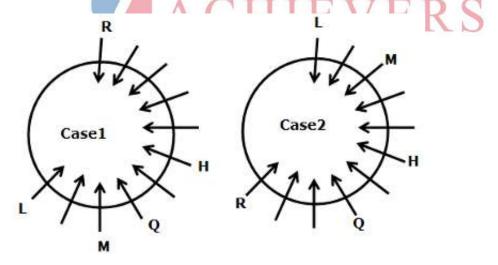
• Only two persons are sitting between H and M.

From the above condition, there are two possibilities.



Again we have,

- Only one person sits between M and L.
- L does not sit adjacent to H.
- The number of persons sits between H and L is the same as the number of persons sit between H and R.

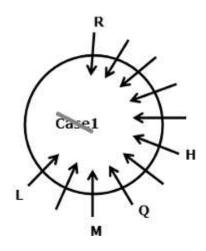


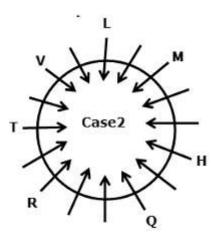
- The number of persons sits between Q and M is one less than the number of persons sits between R and L, when counted to the right of both Q and L respectively.
- L sits exactly in the middle of V and M.



• T sits second to the right of V.

From the above condition, case1 gets eliminated. Case 2 shows the final arrangement.



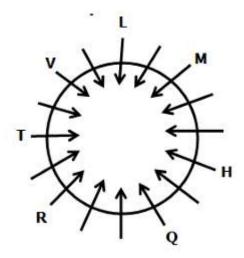


5) Which of the following statement(s) is/are true?

- I. M and V are immediate neighbors
- II. Only one person sits between R and T when counted from the left of R
- III. Q sits third to the right of R
- a) Only I
- b) Only I and II
- c) Only III
- d) Only II and III
- e) All I, II, and III

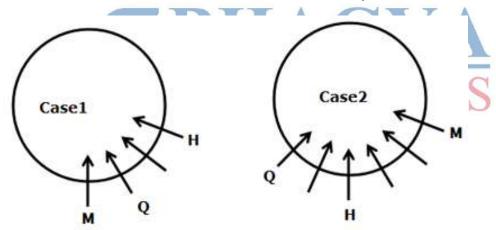
Answer: D





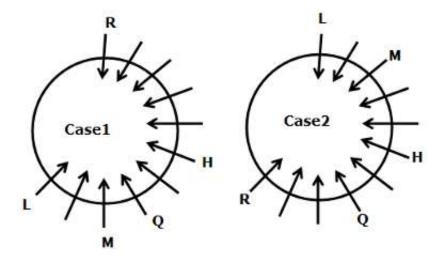
- Q sits second to the left of H.
- Only two persons are sitting between H and M.

From the above condition, there are two possibilities.



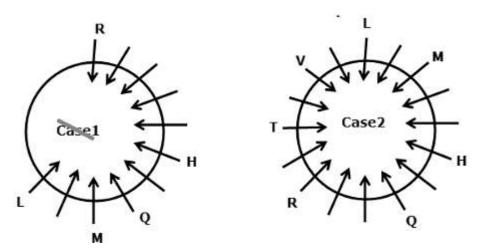
- Only one person sits between M and L.
- L does not sit adjacent to H.
- The number of persons sits between H and L is the same as the number of persons sit between H and R.





- The number of persons sits between Q and M is one less than the number of persons sits between R and L, when counted to the right of both Q and L respectively.
- L sits exactly in the middle of V and M.
- T sits second to the right of V.

From the above condition, case1 gets eliminated. Case 2 shows the final arrangement.



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

A certain number of persons are sitting around the circular table facing towards the center. X sits fourth to the right of the one who sits second to the left of T. Only two persons are sitting between X



and G. Only one person sits between A and the person who sits second to the left of X.

The number of persons sitting between F and A is the same as the number of persons sitting between A and X. M sits fourth to the right of G but not immediate left of F. At least two persons are sitting between F and G. The number of persons sitting between M and X is the same when counted from either the left or right side of both.

6). How many persons are sitting around the circular table?

A. 13

B. 17

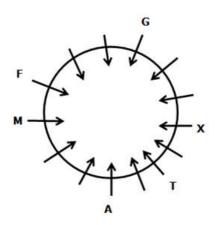
C. 16

D. 14

E. 15

Answer : D



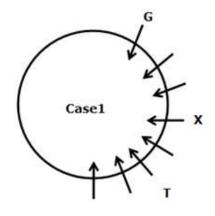


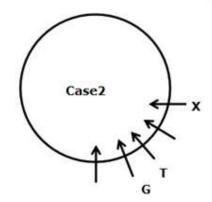
We have,

- X sits fourth to the right of the one who sits second to the left of T.
- Only two persons are sitting between X and G.

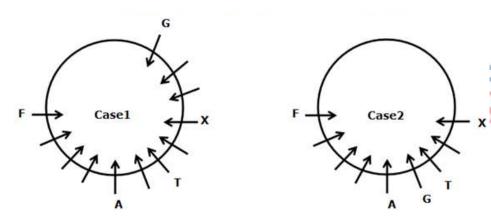
From the above condition, there are two possibilities.







- Only one person sits between A and the person who sits second to the left of X.
- The number of persons sitting between F and A is the same as the number of persons sitting between A and X.

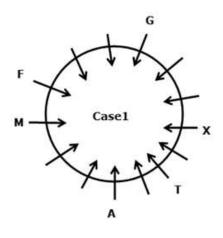


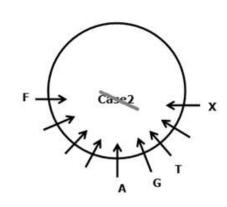
Again we have,

- M sits fourth to the right of G but not immediate left of F.
- At least two persons are sitting between F and G.
- The number of persons sitting between M and X is the same when counted from either the left or right side of both.

From the above condition, case2 gets eliminated. Case 1 shows the final arrangement.

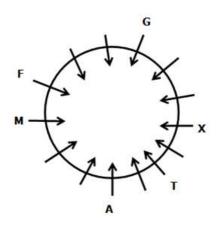






- 7). If W sits exactly in the middle of M and G, then what is the position of W with respect to X?
- A. Fifth to the right
- B. Sixth to the right
- C. Fifth to the left
- D. Third to the left
- E. Fourth to the left

Answer: A

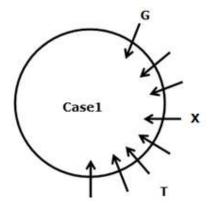


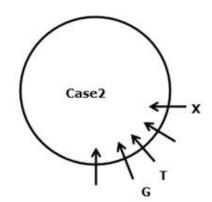
We have,



- X sits fourth to the right of the one who sits second to the left of T.
- Only two persons are sitting between X and G.

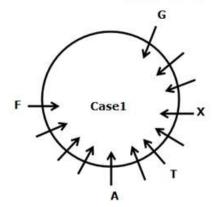
From the above condition, there are two possibilities.

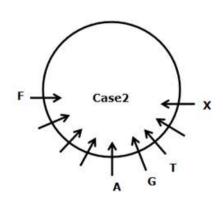




Again we have,

- Only one person sits between A and the person who sits second to the left of X.
- The number of persons sitting between F and A is the same as the number of persons sitting between A and X.

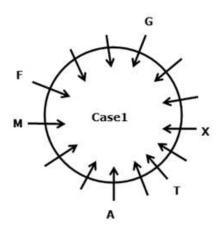


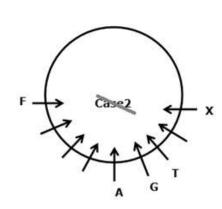


- M sits fourth to the right of G but not immediate left of F.
- At least two persons are sitting between F and G.
- The number of persons sitting between M and X is the same when counted from either the left or right side of both.



From the above condition, case2 gets eliminated. Case 1 shows the final arrangement.





8). How many persons are sitting between A and G?

A. More than six

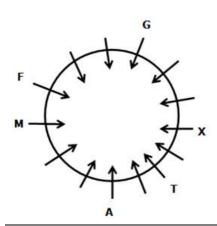
B. Two

C. Three

D. Four

E. Six

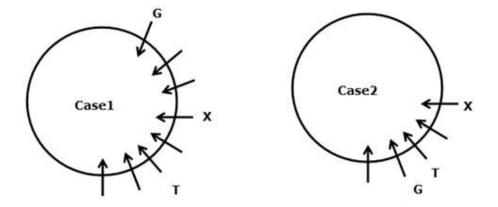
Answer : E





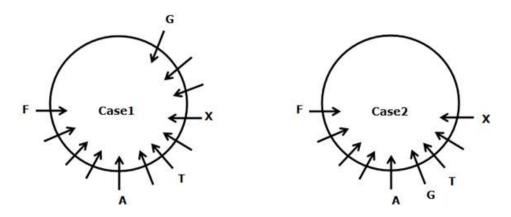
- X sits fourth to the right of the one who sits second to the left of T.
- Only two persons are sitting between X and G.

From the above condition, there are two possibilities.



Again we have,

- Only one person sits between A and the person who sits second to the left of X.
- The number of persons sitting between F and A is the same as the number of persons sitting between A and X.

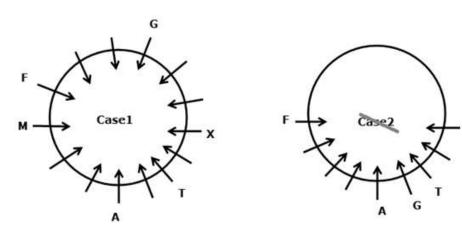


- M sits fourth to the right of G but not immediate left of F.
- At least two persons are sitting between F and G.



• The number of persons sitting between M and X is the same when counted from either the left or right side of both.

From the above condition, case2 gets eliminated. Case 1 shows the final arrangement.



9). If G and X interchanges their position and then X and M did the same, then who among the following person sits third to the left of M?

A. The one who sits second to the left of F

B. The one who sits third to the right of A

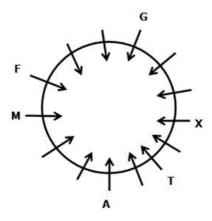
C. G

D. X

E. A

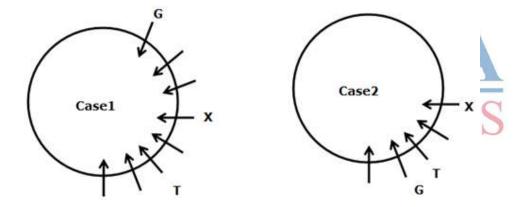
Answer: C





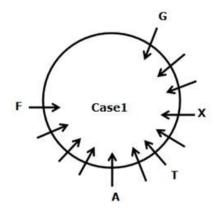
- X sits fourth to the right of the one who sits second to the left of T.
- Only two persons are sitting between X and G.

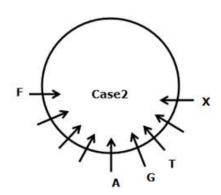
From the above condition, there are two possibilities.



- Only one person sits between A and the person who sits second to the left of X.
- The number of persons sitting between F and A is the same as the number of persons sitting between A and X.

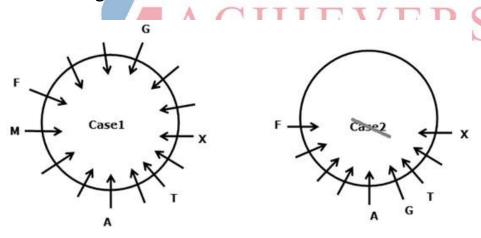






- M sits fourth to the right of G but not immediate left of F.
- At least two persons are sitting between F and G.
- The number of persons sitting between M and X is the same when counted from either the left or right side of both.

From the above condition, case2 gets eliminated. Case 1 shows the final arrangement.



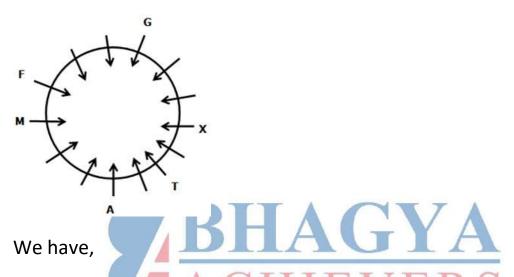
10. Who among the following person sits third to the left of the one, who sits second to the left of T?

A. G



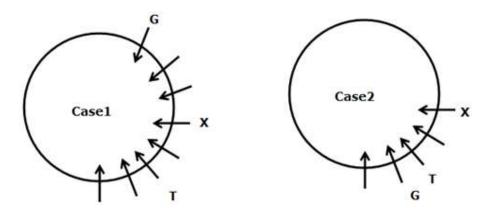
- B. A
- C. The one who sits immediate right of F
- D. The one who sits third to the right of X
- E. None of the above

Answer s: C



- X sits fourth to the right of the one who sits second to the left of T.
- Only two persons are sitting between X and G.

From the above condition, there are two possibilities.

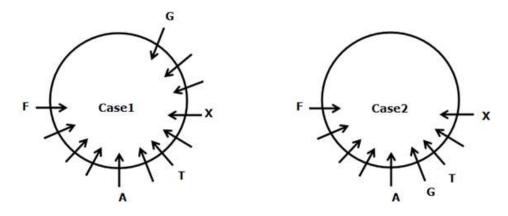


Again we have,

• Only one person sits between A and the person who sits second to the left of X.



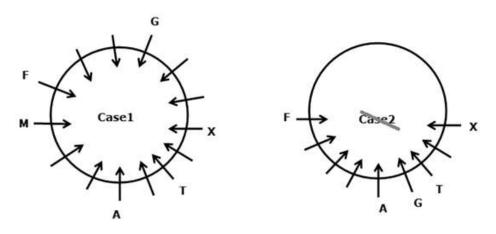
• The number of persons sitting between F and A is the same as the number of persons sitting between A and X.



Again we have,

- M sits fourth to the right of G but not immediate left of F.
- At least two persons are sitting between F and G.
- The number of persons sitting between M and X is the same when counted from either the left or right side of both.

From the above condition, case2 gets eliminated. Case 1 shows the final arrangement.





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