



Date : 10th Dec 2023

Logical Reasoning - Circular & polygonal arrangement

English

Q:1 Direction: Read the given information carefully and answer the following questions.

Eight seats are placed around a square table in such a way the four at the sides and four at the corners. Four persons A, B, C, and D are sitting at four random seats and the rest seats are vacant. All the persons are facing inside.

Two seats are vacant between A and B if we count from the right of A who sits at one of the corners. D sits third to the right of B. C is not an immediate neighbor of neither A nor D.

Who among the following sits opposite to B?

1. C
2. A
3. No one
4. D
5. None of these

Q:2 Direction: Read the given information carefully and answer the following questions.

Eight seats are placed around a square table in such a way the four at the sides and four at the corners. Four persons A, B, C, and D are sitting at four random seats and the rest seats are vacant. All the persons are facing inside.

Two seats are vacant between A and B if we count from the right of A who sits at one of the corners. D sits third to the right of B. C is not an immediate neighbor of neither A nor D.

If C sits second to the right of A then how many seats are vacant between B and D when counted from right of B?

1. None
2. One
3. Two
4. Three
5. Four

Q:3 Direction: Read the given information carefully and answer the following questions.

Eight seats are placed around a square table in such a way the four at the sides and four at the corners. Four persons A, B, C, and D are sitting at four random seats and the rest seats are vacant. All the persons are facing inside.

Two seats are vacant between A and B if we count from the right of A who sits at one of the corners. D sits third to the right of B. C is not an

immediate neighbor of neither A nor D.

How many seats are vacant between A and D when counted from the left of A?

1. None
2. One
3. Two
4. Three
5. Four

Q:4 Direction: Read the given information carefully and answer the following questions.

Eight seats are placed around a square table in such a way the four at the sides and four at the corners. Four persons A, B, C, and D are sitting at four random seats and the rest seats are vacant. All the persons are facing inside.

Two seats are vacant between A and B if we count from the right of A who sits at one of the corners. D sits third to the right of B. C is not an immediate neighbor of neither A nor D.

What is the position of C from A?

1. Third to the left
2. Second to the left
3. Second to the right
4. Fourth to the left
5. Cannot be determined

Q:5 Direction: Read the given information carefully and answer the following questions.

Eight seats are placed around a square table in such a way the four at the sides and four at the corners. Four persons A, B, C, and D are sitting at four random seats and the rest seats are vacant. All the persons are facing inside.

Two seats are vacant between A and B if we count from the right of A who sits at one of the corners. D sits third to the right of B. C is not an immediate neighbor of neither A nor D.

Who among the following sits second to the left of A?

1. B
2. D
3. C
4. Vacant
5. None of these

Q:6 Direction: Read the given information carefully and answer the following questions.

Nine persons are sitting around a circular table facing the centre. Two persons sit between L and B. D sits third to the right of A. M sits second to the right of H but neither of them is immediate neighbours to K. G is neither an immediate neighbour of L nor E. K is not an immediate neighbour of L. E sits second to the left of B. The one who sits second to the left of G sits third to the right of K.

Who among the following sits immediately left of the one who sits third to the right of H?

1. E
2. B
3. M
4. K
5. None of these

Q:7 Direction: Read the given information carefully and answer the following questions.

Nine persons are sitting around a circular table facing the centre. Two persons sit between L and B. D sits third to the right of A. M sits second to the right of H but neither of them is immediate neighbours to K. G is neither an immediate neighbour of L nor E. K is not an immediate neighbour of L. E sits second to the left of B. The one who sits second to the left of G sits third to the right of K.

What is the position of L with respect to A?

1. Immediate to the left
2. Second to the right
3. Fourth to the right
4. third to the left
5. None of these

Q:8 Direction: Read the given information carefully and answer the following questions.

Nine persons are sitting around a circular table facing the centre. Two persons sit between L and B. D sits third to the right of A. M sits second to the right of H but neither of them is immediate neighbours to K. G is neither an immediate neighbour of L nor E. K is not an immediate neighbour of L. E sits second to the left of B. The one who sits second to the left of G sits third to the right of K.

Who among the following is an immediate neighbour of G?

1. M

2. B
3. A
4. D
5. Both 1 and 4

Q:9 Direction: Read the given information carefully and answer the following questions.

Nine persons are sitting around a circular table facing the centre. Two persons sit between L and B. D sits third to the right of A. M sits second to the right of H but neither of them is immediate neighbours to K. G is neither an immediate neighbour of L nor E. K is not an immediate neighbour of L. E sits second to the left of B. The one who sits second to the left of G sits third to the right of K.

How many persons sit between H and L, when counted left of H?

1. One
2. Two
3. Three
4. Four
5. Five

Q:10 Direction: Read the given information carefully and answer the following questions.

Nine persons are sitting around a circular table facing the centre. Two persons sit between L and B. D sits third to the right of A. M sits second to the right of H but neither of them is immediate neighbours to K. G is neither an immediate neighbour of L nor E. K is not an immediate neighbour of L. E sits second to the left of B. The one who sits second to the left of G sits third to the right of K.

Who among the following sits fourth to the left of E?

1. L
2. H
3. The one who sits immediately right of A
4. The one who sits second to the left of B
5. None of these

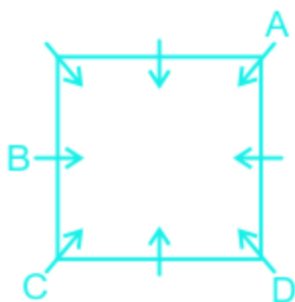
Answer Key

1. (3)	2. (3)	3. (2)	4. (4)	5. (2)
6. (3)	7. (3)	8. (5)	9. (3)	10. (3)

Answers and Solutions

Q:1 The correct answer is **Option 3** i.e. **No one**

- Two seats are vacant between A and B if we counted from the right of A.
- A sits at one of the corners.
- D sits third to the right of B.
- C is not an immediate neighbor of either A or D. (This means that C is sitting immediately to the right of B as two seats are vacant between A and B)

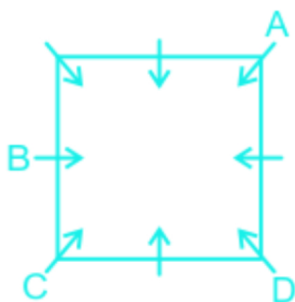


No one is sitting opposite B.

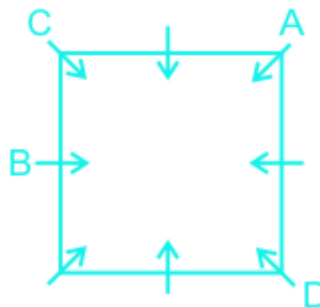
Hence, the correct answer is **No one**.

Q:2 The correct answer is **Option 3** i.e. **Two**

- Two seats are vacant between A and B if we counted from the right of A.
- A sits at one of the corners.
- D sits third to the right of B.
- C is not an immediate neighbor of either A or D. (This means that C is sitting immediately to the right of B as two seats are vacant between A and B)



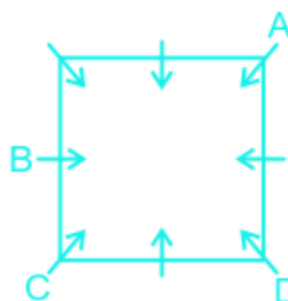
If C sits second to the right of A then 2 seats are vacant between B and D when counted from the right of B.



Hence, the correct answer is **Two**.

Q:3 The correct answer is **Option 2** i.e. **One**

- Two seats are vacant between A and B if we counted from the right of A.
- A sits at one of the corners.
- D sits third to the right of B.
- C is not an immediate neighbor of either A or D. (This means that C is sitting immediately to the right of B as two seats are vacant between A and B)

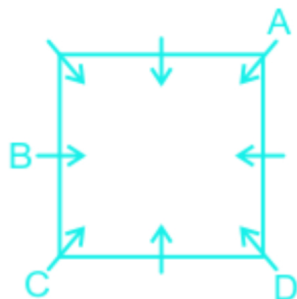


Only 1 seat is vacant between A and D when counted from the left of A.

Hence, the correct answer is **One**.

Q:4 The correct answer is **Option 4** i.e. **Fourth to the left**

- Two seats are vacant between A and B if we counted from the left of A.
- A sits at one of the corners.
- D sits third to the right of B.
- C is not an immediate neighbor of either A or D. (This means that C is sitting immediately to the right of B as two seats are vacant between A and B)

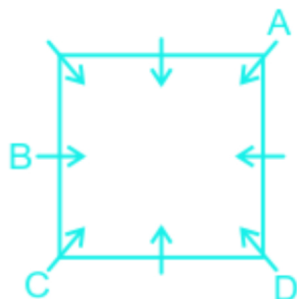


C is sitting diagonally opposite to A i.e. fourth from either left or right.

Hence, the correct answer is **Fourth to the left**.

Q:5 The correct answer is **Option 2** i.e. **D**

- 1) Two seats are vacant between A and B if we counted from the right of A.
- 2) A sits at one of the corners.
- 3) D sits third to the right of B.
- 4) C is not an immediate neighbor of either A or D. (This means that C is sitting immediately to the right of B as two seats are vacant between A and B)



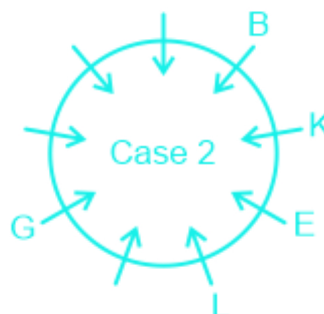
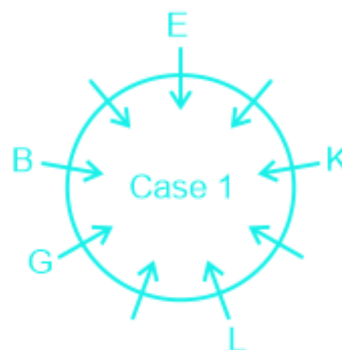
D sits second to the left of A.

Hence, the correct answer is **D**.

Q:6 The correct answer is **Option 3** i.e. **M**

1. Two persons sit between L and B. (B sits either left or right of L)
2. E sits second to the left of B.
3. The one who sits second to the left of G sits third to the right of K.
4. G is neither an immediate neighbour of L nor E.
5. K is not an immediate neighbour of L.

From these conditions there are two possibilities-

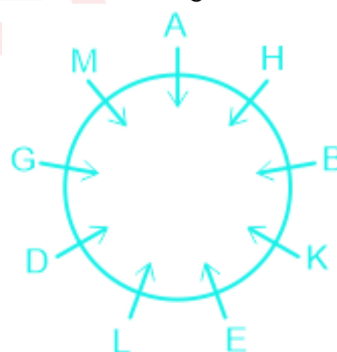


6. D sits third to the right of A.

7. M sits second to the right of H but neither of them is immediate neighbours to K.

From these conditions, case 1 will be eliminated because there is only a possibility M and H are immediate neighbours to K.

The final arrangement is-



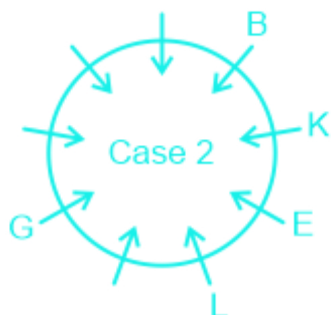
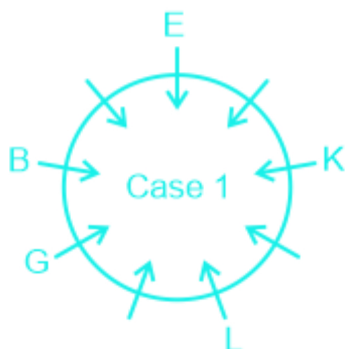
From the above arrangement, G sits third to the right of H and M sits immediately left of G.

Hence the correct answer is **M**.

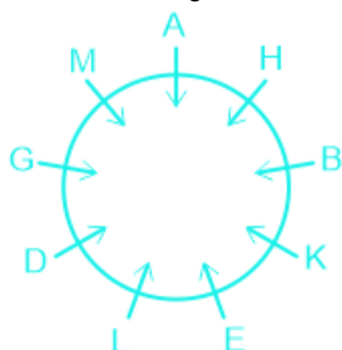
Q:7 The correct answer is **Option 3** i.e. **Fourth to the right**.

1. Two persons sit between L and B. (B sits either left or right of L)
2. E sits second to the left of B.

3. The one who sits second to the left of G sits third to the right of K.
 4. G is neither an immediate neighbour of L nor E.
 5. K is not an immediate neighbour of L.
- From these conditions there are two possibilities-

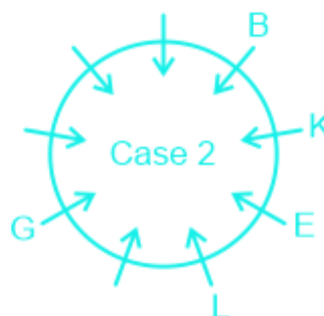
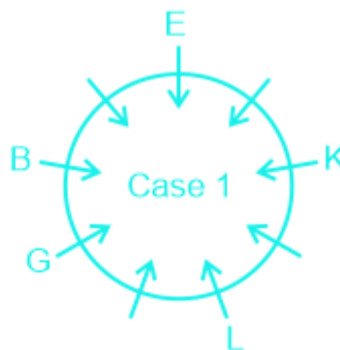


6. D sits third to the right of A.
 7. M sits second to the right of H but neither of them is immediate neighbours to K.
- From these conditions, case 1 will be eliminated because there is only a possibility M and H are immediate neighbours to K.
- The final arrangement is-

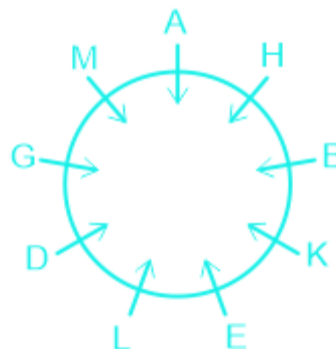


From the above arrangement, L sits fourth to the right of A.
Hence the correct answer is **Fourth to the right.**

- Q:8** The correct answer is **Option 5** i.e. **Both 1 and 4**
1. Two persons sit between L and B. (B sits either left or right of L)
 2. E sits second to the left of B.
 3. The one who sits second to the left of G sits third to the right of K.
 4. G is neither an immediate neighbour of L nor E.
 5. K is not an immediate neighbour of L.
- From these conditions there are two possibilities-



6. D sits third to the right of A.
 7. M sits second to the right of H but neither of them is immediate neighbours to K.
- From these conditions, case 1 will be eliminated because there is only a possibility M and H are immediate neighbours to K.
- The final arrangement is-



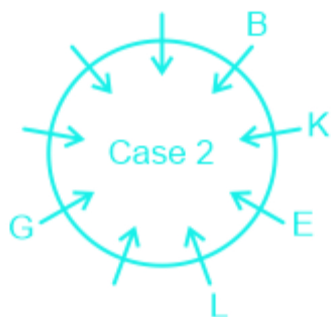
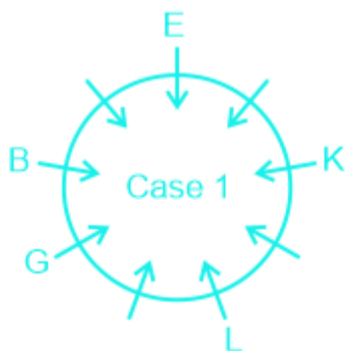
From the above arrangement, M and D are immediate neighbours of G.

Hence the correct answer is **Both 1 and 4**

Q:9 The correct answer is **Option 3** i.e. **Three**

- Two persons sit between L and B. (B sits either left or right of L)
- E sits second to the left of B.
- The one who sits second to the left of G sits third to the right of K.
- G is neither an immediate neighbour of L nor E.
- K is not an immediate neighbour of L.

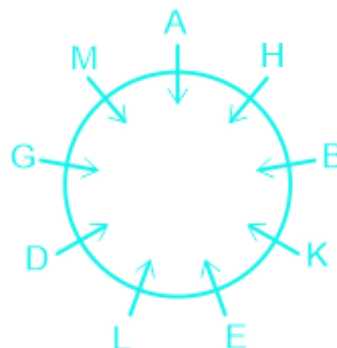
From these conditions there are two possibilities-



- D sits third to the right of A.
- M sits second to the right of H but neither of them is immediate neighbours to K.

From these conditions, case 1 will be eliminated because there is only a possibility M and H are immediate neighbours to K.

The final arrangement is-



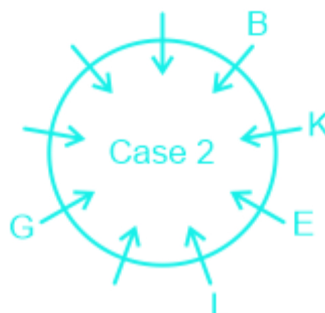
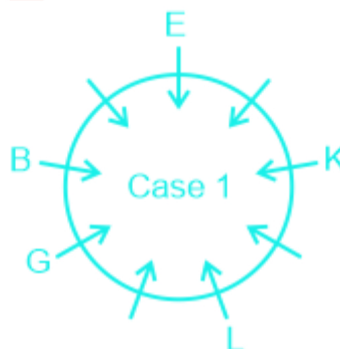
From the above arrangement, Three persons sit between H and L

Hence the correct answer is **Three**.

Q:10 The correct answer is **Option 3** i.e. **The one who sits immediately right of A**

- Two persons sit between L and B. (B sits either left or right of L)
- E sits second to the left of B.
- The one who sits second to the left of G sits third to the right of K.
- G is neither an immediate neighbour of L nor E.
- K is not an immediate neighbour of L.

From these conditions there are two possibilities-





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Logical Reasoning – Circular & polygonal arra

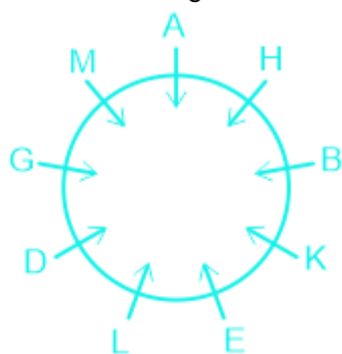
English

6. D sits third to the right of A.

7. M sits second to the right of H but neither of them is immediate neighbours to K.

From these conditions, case 1 will be eliminated because there is only a possibility M and H are immediate neighbours to K.

The final arrangement is-



From the above arrangement, M sits fourth to the left of E.

Hence the correct answer is **The one who sits immediately right of A.**

