



Date : 24th Jan 2024

Logical Reasoning - Seating Arrangement

English

**Direction (1-5):** Read the given information carefully and answer the following questions.

Seven friends - A, B, C, D, E, F, and G are sitting in a row, facing in the north direction, not necessarily in the given order. B sits to the left of F. There are five people sitting between A and D. C sits to the right of A and to the immediate left of G. There are four people sitting between E and D. F sits second to the left of G.

**Q:1** How many people are sitting between F and D?

1. 0
2. 1
3. 2
4. 3
5. 4

**Q:2** Four out of the five given alternatives are alike in some manner. Choose the odd option.

1. A - B
2. B - C
3. C - D
4. F - G
5. E - C

**Q:3** Choose the incorrect statement.

1. A sits on the extreme left end
2. D sits on the extreme right end
3. C sits to the immediate right of F
4. B sits third to the left of G
5. E sits second to the left of C

**Q:4** Who sits third to the right of B?

1. A
2. C
3. D
4. G
5. E

**Q:5** How many people are sitting between A and B?

1. 0
2. 1
3. 2
4. 3
5. 4

**Direction (6-10):** Read the given information carefully and answer the following questions.

Eight friends namely A, B, M, T, S, P, L, and N but not necessarily in the same order are attending a party sitting around a square table. Four of them sit at the corner and four in the middle. Some of them are facing the center and some are facing outside.

A sits opposite M, who sits to the immediate left of T. T sits at the corner facing outside. B sits to the immediate left of L. L sits second to the left of M. M is facing outside. S doesn't sit adjacent to A. Not more than two people are facing outside.

**Q:6** Who sits between L and A?

1. N
2. P
3. Either N or P
4. Both N and P
5. None of the above

**Q:7** Who sits second to the left of M?

1. A
2. M
3. L
4. B
5. None of the above

**Q:8** Who sits opposite S?

1. L
2. Person sitting immediate right of B
3. Both 1 and 2
4. M
5. A

**Q:9** How many people sit between T and N when counted from the left of N?

1. Three
2. One
3. Two
4. More than three
5. Cannot be determined

**Q:10** How many people sit between B and S?

1. Two
2. Four
3. Three
4. Either 1 and 2
5. None of the above

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### Answer Key

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

### Answers and Solutions

**Q:1** The correct answer is **Option 3** i.e. **2**

- There are five people sitting between A and D.  
(This means that A and D are sitting on the two ends of the row)
- C sits to the right of A and to the immediate left of G.  
(This implies that A sits on the extreme left end)
- There are four people sitting between E and D. (This implies E sits to the immediate right of A)
- F sits second to the left of G.
- B sits to the left of F.



Hence, **2 persons** (C and G) sit between F and D.

**Q:2** The correct answer is **Option 5** i.e. **E - C**

- There are five people sitting between A and D.  
(This means that A and D are sitting on the two ends of the row)
- C sits to the right of A and to the immediate left of G.  
(This implies that A sits on the extreme left end)
- There are four people sitting between E and D. (This implies E sits to the immediate right of A)
- F sits second to the left of G.
- B sits to the left of F.



In all the pairs except E - C, there is a gap of one person. However, there is a gap of two persons between E and C. Hence, **E - C** is the odd option.

**Q:3** The correct answer is **Option 5** i.e. **E sits second to the left of C**

- There are five people sitting between A and D.  
(This means that A and D are sitting on the two ends of the row)
- C sits to the right of A and to the immediate left of G.  
(This implies that A sits on the extreme left end)

- There are four people sitting between E and D. (This implies E sits to the immediate right of A)
- F sits second to the left of G.
- B sits to the left of F.



E sits third to the left of C.

Hence, **E sits second to the left of C** is incorrect.

**Q:4** The correct answer is **Option 4** i.e. **G**

- There are five people sitting between A and D.  
(This means that A and D are sitting on the two ends of the row)
- C sits to the right of A and to the immediate left of G.  
(This implies that A sits on the extreme left end)
- There are four people sitting between E and D. (This implies E sits to the immediate right of A)
- F sits second to the left of G.
- B sits to the left of F.



Hence, **G** sits third to the right of B.

**Q:5** The correct answer is **Option 2** i.e. **1**

- There are five people sitting between A and D.  
(This means that A and D are sitting on the two ends of the row)
- C sits to the right of A and to the immediate left of G.  
(This implies that A sits on the extreme left end)
- There are four people sitting between E and D. (This implies E sits to the immediate right of A)
- F sits second to the left of G.
- B sits to the left of F.



Hence, only **one** person sits between A and B, i.e. E.

**Q:6** The correct answer is **Option 3** i.e. **Either N or P**

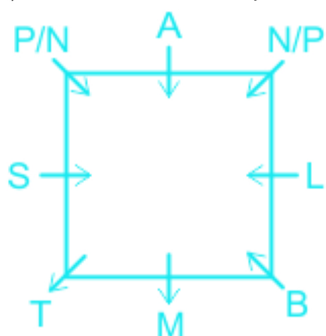
- T sits at the corner facing outside.
- A sits opposite to M, who sits to the immediate left of T.
- M is facing outside.
- L sits second to the left of M.

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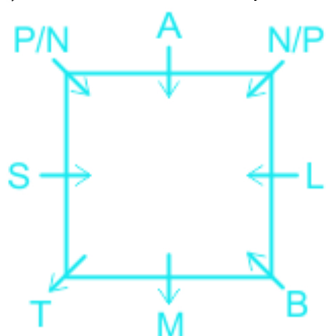
- 5) Not more than two people are facing outside.
- 6) B sits to the immediate left of L.
- 7) S doesn't sit adjacent to A. (S sits opposite to L.)
- 8) We don't have fixed position for N and P.



Hence the correct answer is **Either N or P**.

**Q:7** The correct answer is **Option 3** i.e. **L**

- 1) T sits at the corner facing outside.
- 2) A sits opposite to M, who sits to the immediate left of T.
- 3) M is facing outside.
- 4) L sits second to the left of M.
- 5) Not more than two people are facing outside.
- 6) B sits to the immediate left of L.
- 7) S doesn't sit adjacent to A. (S sits opposite to L.)
- 8) We don't have fixed position for N and P.

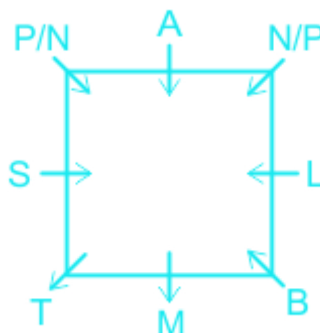


Hence, the correct answer is **L**.

**Q:8** The correct answer is **Option 3** i.e. **Both 1 and 2**

- 1) T sits at the corner facing outside.
- 2) A sits opposite to M, who sits to the immediate left of T.
- 3) M is facing outside.
- 4) L sits second to the left of M.
- 5) Not more than two people are facing outside.

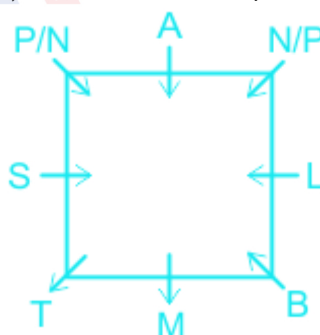
- 6) B sits to the immediate left of L.
- 7) S doesn't sit adjacent to A. (S sits opposite to L.)
- 8) We don't have fixed position for N and P.



Hence, the correct answer is **Both 1 and 2**.

**Q:9** The correct answer is **Option 5** i.e. **Cannot be determined**

- 1) T sits at the corner facing outside.
- 2) A sits opposite to M, who sits to the immediate left of T.
- 3) M is facing outside.
- 4) L sits second to the left of M.
- 5) Not more than two people are facing outside.
- 6) B sits to the immediate left of L.
- 7) S doesn't sit adjacent to A. (S sits opposite to L.)
- 8) We don't have fixed position for N and P.



As we didn't have fix place for N we didn't get the person sitting between T and N.

Hence, the correct answer is **Cannot be determined**.

**Q:10** The correct answer is **Option 4** i.e. **Either 1 and 2**

- 1) T sits at the corner facing outside.
- 2) A sits opposite to M, who sits to the immediate left of T.
- 3) M is facing outside.
- 4) L sits second to the left of M.

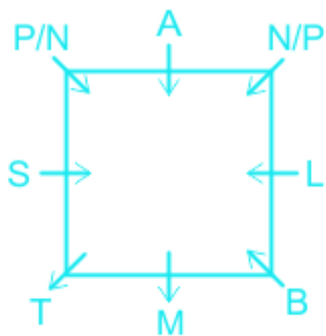


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- 5) Not more than two people are facing outside.
- 6) B sits to the immediate left of L.
- 7) S doesn't sit adjacent to A. (S sits opposite to L.)
- 8) We don't have fixed position for N and P.



As in the question it is not mentioned whether to count from left/right of B or S, answer can be either 2 or 4.  
Hence, the correct answer is **Either 1 and 2**.

