

Notes on Seating Arrangement for MAH MCA CET Exam

Seating arrangement questions test your ability to arrange people or objects based on given conditions. These are commonly asked in the **Logical Reasoning** section of MAH MCA CET.

Types of Seating Arrangement Questions

1. Linear Arrangement (Row or Line Based)

- People sit in a single row or double row, facing either the same or opposite directions.
- **Example Types:**
 - **Single row:** All facing north/south.
 - **Double row:** Two rows facing each other.

Key Concepts:

- If **all face north** → Left to right is normal.
 - If **all face south** → Left to right is reversed.
 - If **some face north and some face south**, carefully analyze who faces which direction.
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2. Circular Arrangement

- People sit around a circular table, facing either **inside (center)** or **outside (away from center)**.
 - **Rules:**
 - **Facing center:** Clockwise → Right, Counterclockwise → Left.
 - **Facing outside:** Clockwise → Left, Counterclockwise → Right.
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3. Rectangular/Square Arrangement

- People sit at the corners or sides of a square or rectangle.
 - **Example:** Four at corners, four at sides.
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4. Complex/Uncertain Seating Arrangement

- People sitting in **no fixed number of positions**.
 - Sometimes, extra conditions like professions, colors, or items carried are given.
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Tips to Solve Seating Arrangement Questions

- ✓ **Draw a diagram** as per the given instructions.
 - ✓ **Fix definite positions first** (e.g., "X sits at the left end").
 - ✓ **Use elimination** for possible placements.
 - ✓ **Carefully note facing direction** (north/south or inside/outside).
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MCQs on Seating Arrangement

1. Linear Arrangement

Six people (A, B, C, D, E, F) sit in a row. B sits to the left of C but right of A. D sits at one end. Who sits in the middle?

- A) A
- B) B
- C) C
- D) E

☒ **Answer:** B) B

2. Circular Arrangement

Five people (P, Q, R, S, T) sit around a circular table facing the center. If R sits to the immediate right of P and S sits second to the left of R, who sits between P and S?

- A) Q
- B) R
- C) T
- D) None of these

☒ **Answer:** A) Q

3. Rectangular Arrangement

Four friends (A, B, C, D) sit at four corners of a square table facing outside. If A is to the right of C, who is to the left of A?

- A) B
- B) C
- C) D
- D) Cannot be determined

☒ **Answer:** C) D

4. Uncertain Seating Arrangement

Seven people (A to G) sit in a row, but their positions are not fixed. If B is sitting third from the left and E is sitting two places right of B, how many people sit between A and E?

- A) 1
- B) 2
- C) 3

D) Cannot be determined

☒ Answer: B) 2

5. Mixed Directions (Row-Based)

Six people (P, Q, R, S, T, U) sit in a row. P, Q, and R face north, while S, T, and U face south. If Q sits second to the right of P and T sits immediately to the left of Q, who is at the extreme right end?

A) R

B) S

C) U

D) Cannot be determined

☒ Answer: C) U
