

# KMAT 2027 Syllabus Topics for Logical Reasoning

## Analytical Reasoning

- Seating Arrangement
- Linear Arrangement
- Circular Arrangement
- Puzzles
- Blood Relations
- Direction Sense
- Ranking and Ordering
- Data Sufficiency

## Verbal Reasoning

- Statement and Conclusion
- Statement and Assumption
- Statement and Argument
- Assertion and Reason
- Inference
- Cause and Effect

## Puzzles & Arrangements

- Linear Seating Arrangements
- Circular Arrangements
- Scheduling Puzzles
- Comparison-based Puzzles
- Grouping and Distribution Problems
- Matrix-based Arrangements

## Series & Patterns

- Number Series (arithmetic, geometric, mixed)
- Letter Series
- Alpha-Numeric Series
- Missing Number in Series
- Wrong Number in Series

## Blood Relations & Direction Sense

- Family Tree Problems

- Coded Blood Relations
- Multi-Generational Relations
- Direction-based Distance Problems
- Turn-based Direction Tracing
- Shadow-based Direction Questions

## **Coding-Decoding**

- Letter Coding
- Number Coding
- Substitution Coding
- Mixed Coding
- Reverse Coding
- Decoding Messages from Patterns

## **Data Sufficiency**

- Two-statement Data Sufficiency Questions across Math
- Reasoning
- Verbal Domains

## **Venn Diagrams & Logical Connectives**

- Two-circle and three-circle Venn Diagram Problems
- Set Intersection and Union
- Logical if-then Connectives
- Negation of Compound Statements