



EXCEL
INTERNATIONAL

Course Module Structure

This course is divided into **10 structured modules** designed to develop strong analytical thinking, logical problem-solving, and decision-making skills. Each module focuses on core reasoning concepts, enabling learners to approach problems systematically and efficiently. The course emphasizes **concept clarity, pattern recognition, critical thinking, and speed-building techniques**, helping students excel in competitive exams, academics, and real-life decision-making scenarios.

2. Module, 3. Topic & 4. Module for 10

Module 1: Introduction to Logical Reasoning

Topics:

- Importance of logical reasoning
 - Types of reasoning (verbal, non-verbal, analytical)
 - Problem-solving approach
 - Real-life applications of logic
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Module 2: Classification & Series

Topics:

- Number and alphabet series
 - Pattern identification
 - Odd one out
 - Logical sequences
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Module 3: Coding-Decoding

Topics:

- Letter coding
- Number coding

- Mixed coding patterns
 - Decoding techniques
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Module 4: Blood Relations

Topics:

- Family tree concepts
 - Relationship mapping
 - Generation-based questions
 - Puzzle-based relations
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Module 5: Direction Sense

Topics:

- Basic directions
 - Distance and movement
 - Direction puzzles
 - Shortcut methods
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Module 6: Syllogism

Topics:

- Statements and conclusions
 - Venn diagram method
 - Logical deductions
 - Common reasoning errors
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Module 7: Seating Arrangement

Topics:

- Linear arrangement
 - Circular arrangement
 - Complex seating puzzles
 - Arrangement strategies
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Module 8: Logical Puzzles

Topics:

- Analytical puzzles
 - Ranking and ordering
 - Matching problems
 - Critical thinking puzzles
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Module 9: Data Sufficiency & Decision Making

Topics:

- Data sufficiency concepts
 - Statement analysis
 - Decision-making techniques
 - Case-based reasoning
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Module 10: Practice & Final Assessment

Topics:

- Mixed logical problems
- Shortcut and elimination techniques
- Mock tests
- Performance evaluation