Thinkoraa
Think big, Achieve bigger

MAH MCA CET 2026

Complete Detailed Syllabus (Subject-wise Structured Format)

1. Mathematics & Statistics

MAIN TOPIC	DETAILED COVERAGE
Algebra	Quadratic equations, inequalities, logarithms, indices, AP/GP/HP, binomial basics
Matrices & Determinants	Matrix operations, determinants, solving linear equations (basic)
Coordinate Geometry	Straight line, circle, parabola, hyperbola (basic form)
Trigonometry	Identities, equations, inverse trigonometry basics, heights & distances
Calculus	Limits, differentiation, applications of derivatives, first-order differential equations
Probability & Statistics	Conditional probability, random variables, mean, variance, SD
Arithmetic	Ratio, percentage, profit & loss, time & work, time-speed-distance, SI & CI

2. Logical / Abstract Reasoning

MAIN TOPIC	DETAILED COVERAGE
Series	Number, alphabet & mixed series, missing term identification
Analogies	Word, number & alphabet analogies
Coding-Decoding	Letter coding, substitution coding, pattern recognition
Blood Relations	Family tree & coded relationship problems

MAIN TOPIC	DETAILED COVERAGE
Direction Sense	Distance & displacement based positioning
Seating Arrangement	Linear, circular & complex arrangements
Logical Puzzles	Ordering, grouping, scheduling puzzles
Data Interpretation	Tables, pie charts, bar graphs, line graphs

3. English Comprehension & Verbal Ability

MAIN TOPIC	DETAILED COVERAGE
Grammar	Tenses, SVA, articles, prepositions, voice, narration
Vocabulary	Synonyms, antonyms, idioms & phrases
Reading Comprehension	Factual & inference-based passages
Sentence Correction	Error detection & improvement
Para Jumbles	Logical sequencing of sentences
Cloze Test	Context-based fill in the blanks

4. Computer Concepts

MAIN TOPIC	DETAILED COVERAGE
Computer Fundamentals	Generations, hardware components, software types
Number Systems	Binary, octal, decimal, hexadecimal conversions
Data Representation	ASCII, Unicode, memory units
Operating Systems	Process management, memory, file systems
Programming Basics	Algorithms, flowcharts, C basics, control structures
Data Structures	Array, stack, queue, linked list (concept level)
Database Basics	DBMS concepts, primary/foreign key, normalization (basic)
Networking	OSI model, TCP/IP basics, LAN/WAN, HTTP