CAT Syllabus

CAT syllabus includes all the important topic of Verbal Ability & Reading Comprehension, Data Interpretation &Logical Reasoning and Quantitative Aptitude. The weightage of these three sections is as follows:

- Verbal Ability & Reading Comprehension – 24 questions, 72 marks
- Data Interpretation & Logical Reasoning – 20 questions, 60 marks
- Quantitative Aptitude – 22 questions, 66 marks

CAT VARC Syllabus

CAT VARC section is the first section of the CAT question paper. The section has two parts - Verbal Ability and Reading Comprehension. Take a look at important VARC topics for CAT exam syllabus.

CAT VARC Syllabus		
Fill in the blanks	Para completion and inference	Verbal logic
Verbal reasoning	Subject-verb agreement	Parajumbles
Sentence completion	Foreign language words used in English	Different usage of same word
Grammar	Reading comprehension	Idioms
Syllogisms	Analogies	Antonyms
Jumbled paragraphs	Sentence correction	One word substitution
Parts of speech	Preposition	Types of clauses
Phrases modifiers	**Errors in tenses**	Articles usage

Important Topics & Weightage for CAT VARC

In CAT syllabus, the VARC section is dominated by Reading Comprehension. About 12-14 questions are passage based and rest of the questions are based on Parajumbles, Verbal Ability and Sentences.

VARC Topics for CAT	No. of Questions in CAT Exam	Level of Difficulty
Reading Comprehension	16	Moderate to Difficult
VA-Parajumbles	3	Moderate to Difficult
VA-Odd Sentence	2	Easy to Moderate
VA-Summary	3	Easy to Moderate
Overall	24	Moderate to Difficult

CAT DILR Syllabus

Data Interpretation & Logical Reasoning (DILR) is the second section of the CAT question paper and is to be solved after the VARC section. This section has two sub-sections - Data Interpretation and Logical Reasoning. Take a look at important topics and some important logical reasoning and data interpretation topics included in CAT syllabus.

CAT DILR syllabus		
Blood Relations	Clocks and Calendars	Syllogism
Series	Statements	Venn Diagram

Proposition	Data Arrangement	Data Structures
Direction Sense	Family Tree	Tables
Coding-Decoding	Binary Logic	Pie Charts
Assumptions	Seating Arrangement	Data Sufficiency
Puzzles	Sets & Caselets	Bars & Line Graphs

Important Topics & Weightage for CAT DILR

The DILR section of CAT includes questions of two types – Data Interpretation and Logical Reasoning. Given below is the usual weightage of DILR section of CAT.

CAT DILR Syllabus	No. of Questions	Level of Difficulty
Data Interpretation	4	Easy
Data Interpretation	4	Moderate
Logical Reasoning	6	Moderate to difficult
Logical Reasoning	6	Easy to Moderate
Overall	20	Moderate to difficult

CAT Quantitative Aptitude Syllabus

Quantitative Aptitude is the last section of CAT question paper. Take a look at important topics and some key points of CAT 2023 syllabus for Quantitative Aptitude:

CAT Quantitative Aptitude syllabus

Geometry	Ratios and Proportion	Inequalities
Trigonometry	In-equations Quadratic and linear equations	Work and Time
Algebra	Surds and Indices	Percentages
Mensuration	Time-Speed-Distance	Logarithms
Partnership (Accounts)	Number System	Square Root and Cube Root
Profit & Loss	Geometric Progression	Probability
Mean, mode, median	Binomial theorem	Simple interest and compound interest

Topic wise weightage in CAT Quantitative Aptitude

The CAT Quantitative Aptitude has the weightage of 22 questions. Given below is the composition of the Quantitative Aptitude section as seen in the last few years.

CAT Maths Syllabus	No. of Questions	Level of Difficulty
Arithmetic	10	Moderate
Algebra	5	Moderate
Geometry	3	Moderate

Modern Maths	4	Moderate
Overall	22	Moderate

Important Topics for Quantitative Aptitude Section of CAT

You can check the table below for important chapters of various Quantitative Aptitude topics that you need to study to prepare for the CAT.

CAT Syllabus: Important Topics for Quantitative Aptitude	
Arithmetic Topics for CAT	Averages, Mean Median Mode, Percentages, Ratio and Proportion, Simple and Compound Interest, Profit and Loss Mixtures and Allegations, Time and Work, Time Speed and Distance
Algebra Topics for CAT	Basics Algebraic Formulae, Linear Equations, Problems on ages, Number of integer solutions, Quadratic Equations, Finding out roots, Maxima and Minima, Higher Degree Equations, Descartes Rule of Signs, Inequalities, Logarithm, Functions, Modifications of Graphs, The Smallest Value in a Maximum Function
Number System Topics for CAT	Basics of Numbers, Properties of Numbers, Divisibility Rules, Divisibility and Factors, Highest Common Factor and Lowest Common Multiple, Finding Out the Last Digit, Finding Out Last Two Digits, Number of Trailing Zeroes, Finding out Remainders based on, Basic Divisibility Rules, Binomial Theorem, Simplifying the Dividend (Single and/or Multiple Divisors), Fermat's Theorem, Euler's Theorem, Pattern Recognition and Cyclicity of Remainders, Wilson's Theorem, Base Systems, Conversion of Bases, Addition / Subtraction / Multiplication in different bases

Geometry Topics for CAT	Lines and Angles, Triangles – Basic Concepts, Area, Angles, Similar Triangles, Polygons, Circles, Solids / Mensuration – 3D Geometry, Coordinate Geometry, Trigonometry
Modern Maths Topics for CAT	Sequence and Series, Binomial Theorem, Set Theory, Permutation and Combination, Probability