



CAT Syllabus 2022

CAT is the Common Admission Test. It is one of the most competitive and popular tests among the students who want to seek admission into 160 b-schools in India. It consists of three sections - Verbal Ability and Reading Comprehension (VARC), Data Interpretation and Logical Reasoning (DILR), and Quantitative Ability (QA) and it is offered once a year, usually in the month of November/December. CAT is established and organized by the Indian Institute of Management (IIMs) for admitting students for their MBA or PGDM. One of the IIMs conducts or manage the CAT every year as maintained by the policy of rotation.

Section	Duration	Number of Questions	Maximum marks	Difficulty level
Quantitative Aptitude (QA)	60 minutes	34	102	Moderate
Verbal Ability & Reading Comprehension (VARC)	60 minutes	Verbal Ability – 10 Reading Comprehension – 24	102	Moderate
Data Interpretation & Logical Reasoning (DILR)	60 minutes	Data Interpretation – 16 Logical Reasoning – 16	96	Moderate to difficult
Total	180 minutes (3 hours)	100	300	

It is very important for the candidates to understand the pattern and syllabus thoroughly in order to score high and crack the CAT for getting into the top and reputed B-schools of India. The syllabus of CAT 2022 is vast and therefore the candidate is required to dedicate around nine to twelve months to CAT preparation. He/she must sincerely spend 8 to 10 hours studying for 5 days a week during these months. Following is the overview of the topics in each section:



Quantitative Aptitude (QA)

Geometry
Arithmetic Progression and Geometric progression
Profit and loss, pipes and cisterns
Time and work
Allegations and mixtures
Averages, Percentages
Simple and Compound interest
Number system
Equations

Verbal Ability & Reading Comprehension (VARC)

Reading comprehension
Fill in the blanks
Sentence correction
Word-meaning
Vocabulary based questions
Analogy
Para Jumble
Cloze test
English grammar and usage

Data Interpretation & Logical Reasoning (DILR)

Blood Relations
Coding-Decoding
Clocks and calendars
Venn diagrams
Sitting Arrangements (linear and circular)
Binary Logic
Sequence and series
Direction sense
Case lets, pie chart, line graph

Section-wise detailed CAT Syllabus 2022:

1. Quantitative Aptitude (QA):

The QA section consists of numerical-based questions from different math concepts and topics. The syllabus of this section is very vast and has the topics and concepts which were covered in the 10th and 12th standards. There are around 10-12 questions here which are non-MCQ types questions. These non-MCQ types questions do not carry negative markings. Following are the topics and concepts covered in this section:



- Averages
- Ratio & Proportion
- Speed, Time, and Distance
- Time and Work
- LCM and HCF
- Percentages, Profit and Loss
- Interest (Simple and Compound)
- Number System
- Algebra
- Geometry/Mensuration
- Venn diagrams and other topics
- Linear Equations; Quadratic Equations Complex Numbers
- Logarithm; Progressions
- Binomial Theorem
- Surds and Indices; Inequalities
- Permutation and Combination
- Probability Functions
- Set Theory; Mixtures and Alligations
- Coordinate Geometry
- Trigonometry

In this, geometry is the most important topic followed by algebra and the Number system. There are 2-3 questions based on Number System and Algebra each whereas 4-5 questions are based on Geometry. There are 1 to 2 questions based on the rest of the topics. The level of questions in the QA section generally scales from easy to moderately high. The questions are mainly based on the application of mathematics in order to decipher real-time problems.



2. Verbal Ability and Reading Comprehension (VARC):

The prime focus of this section is on the English language skills of the candidates and examines how well they can interpret paragraphs and understand the fundamental ideas. The VARC section has five long and short English Comprehension passages. There are 6 questions that are based on each long passage and 3 questions are based on each short passage. The long RC passages are of 900 words whereas the shorter passages are around 600 words.

The verbal ability part of this section consists of individual questions that cover different areas of English language grammar and usage. There are around 7-8 questions in this section in which the candidate will not be provided with the options and needs to type the answers. Following are topics that are included in the VARC section:

- Inferences, Statements, Arguments
- The main idea in the RC Passage
- Author's assumption
- Synonyms-antonyms
- Meaning of the phrase
- Para Summary
- Jumbled paragraphs
- Pick Out of Context Sentence
- Error Correction in Sentences
- Sequence of sentences
- Fill in the blanks
- Completion of Paragraph
- Analogies
- Critical Reasoning
- Sentence Completion
- Irrelevant Statements
- Vocabulary usage



Out of this, there are 10 to 12 questions based on the Inferences, Statements, and Arguments. The English Reading comprehension passages in the CAT entrance exam syllabus are usually included from a wide area which includes, current affairs, Literature, Business Economy, different literature books, passages from science and culture, some fiction passages which make the candidate think according to the author's perspective, some historical events like the French revolution, and passages on mythology. The RC Passage-based questions are of MCQ type and include 1/3rd negative marking. The questions included in this section are moderately difficult as well as time-consuming.

3. Data interpretation and Logical Reasoning:

This section has two parts – Data Interpretation and Logical Reasoning. Each part consists of 16 questions. This section includes the questions in which the data is already given. It tests the ability of the candidate to interpret the data in the right way and also examines logical reasoning. These types of questions help to understand the candidate's ability to understand the problem statement properly and solve it logically. They can be easily solved and the candidates can highly score in this section. Following are the topics covered in this section:

- Bar charts – Simple, Stacked, Composite Bar charts
- Pie charts
- Caselets
- Data Analysis
- Data comparison from Table
- Graphs
- Direction sense
- Team formation
- Seating Arrangement
- Blood Relation
- Clocks
- Calendars
- Binary logic
- Logical Sequence



DR.AKASH AVHAD
PERSONAL EXAM COACH

- Assumption
- Premise
- Conclusion
- Linear and matrix arrangement
- Input-Output
- Series
- Syllogism
- Cubes
- Rows
- Set Theory
- Venn Diagrams

3 to 4 questions are based on each topic mentioned above. The data interpretation section is a bit difficult and time-consuming but is highly scored if solved cautiously as one mistake may lead to incorrect answering for the whole set.

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