

CAT Quant Syllabus 2023 : Quantitative Aptitude Questions pdf, Mock Test

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CAT Quantitative Aptitude Syllabus 2023 - Indian Institute of Management (IIM) will conduct CAT 2023 on November 28 probably. There is no predefined syllabus for CAT 2023 quantitative aptitude section, however, Careers360 provides you with the compiled CAT syllabus 2023 which has been determined on the basis of the past years' question papers of CAT.

In the quantitative aptitude section of [CAT](#), there are 22 questions that will be asked. The aim to provide CAT quant syllabus 2023 is to enable the candidates to identify which topics they find difficult and which might require more time as compared to others.

CAT Quantitative Aptitude Syllabus 2023 - Overview

Candidates who will appear for the Common Admission Test must be well versed with CAT exam syllabus for IIM and its quantitative aptitude syllabus. There is no syllabus provided on the CAT exam syllabus 2023 official website. Moreover, while trying to cover the syllabus of quantitative aptitude, candidates can also check what are the best books for them. Also, it is imperative for the candidates to be aware of the [CAT exam pattern](#).

Read the full article to know all the details related to the [CAT exam syllabus](#) for quantitative aptitudes such as the topics that are covered, how many questions are likely to be asked in CAT 2023, what are the best books and preparation tips.

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Events	Details
Name of the section	Quantitative Aptitude
Number of questions	26
Type of questions asked	MCQ and TITA (Non-MCQs)
Total marks	78
Number of MCQs	24-26
Number of TITA questions	6-8
Sectional time limit for QA	Yes, 40 minutes (53 Minutes 20 Seconds for PwD candidates)
Difficulty level	Moderate to high
Marking scheme	+3 for every correct answer -1 for every wrong/incorrect answer

CAT Exam Syllabus for Quantitative Aptitude

The quantitative aptitude of CAT 2023 consists of numerical-based questions to assess the candidate’s mathematical skill and accuracy. The CAT quantitative aptitude syllabus includes questions related to elementary and basic mathematics.

This section will consist of a section-time limit of 40 minutes (53 Minutes 20 Seconds for PwD candidates). On the basis of previous year's [CAT question papers](#), let’s have look at the important topics of the CAT quant syllabus 2023.

Top Colleges in India offering Management Courses

Great Lakes Chennai	Great Lakes Gurgaon
ICFAI Dehradun	IMT Ghaziabad
UPES Dehradun	LPU Jalandhar
SRM University Chennai	GD Goenka University, Gurgaon
Chandigarh University	BML Munjal University, Gurgaon

Manipal University (MAHE)	Jaipuria Institute of Management, Noida
IPE Hyderabad	IFIM Business School

Topics for CAT 2023 Quant Syllabus

Coordinate Geometry	Mensuration	LCM & HCF
Set theory & Function	Probability	Quadratic and Linear Equations
Number System	Averages	Complex Numbers
Ratio, Proportion & Variation	Speed, Time and Distance	Geometry
Compound Interest	Profit, Loss and Discount	Algebra
Trigonometry	Permutation and Combination	Progressions and Series
Quantitative Aptitude Questions	Quantitative Aptitude Shortcut Techniques for CAT	Number System Shortcut for CAT
Shortcuts in Averages	Remainder Concepts	Circles
Factorials	Power Cycle	Relatives Speed
Arithmetic Progression	Polygons	Harmonic Progression
Quadrilaterals	Points, Lines and Planes	Circles
Angles	Geometric Progression	Weighted Average
Graphical Division Geometry	Similar Triangles	Derangement

Applications of Averages	Conditional probability	Application of Power Cycle
Constant Product Rule	Laws in Set Theory	Properties of Ratio
Triangles	Boats and Streams for CAT	Escalator Questions for CAT

Topics and Total Number of Expected Questions in Quantitative Aptitude

Some of the topics are expected to repeat in CAT 2023 on the basis of the previous year’s question paper analysis. There are a total of 26 questions among which 8 questions in TITA (Non-MCQs) and 18 questions in MCQs. Check the table below to know the expected topics and their number of questions.

Also Read:

- [How to tackle TITA questions in CAT](#)
- [Why, When and How to take CAT Mock Test](#)

Expected Topics and Number of Questions

Topics	Number of Expected Questions
Geometry & Mensuration	8-6
Arithmetic Questions	9-11
Algebra	5-6
Number System	4-5
Others	2-3

Marks Distribution of CAT Quantitative Aptitude 2023

Topic Name	Expected Number in percentage
Geometry	29%

Algebra	24%
Arithmetic	23%
Number System	15%
Modern Maths	9%

Best Books for CAT Quant Syllabus 2023

Candidates can refer to some of the important [books for CAT quant syllabus](#) section as mentioned below:

CAT 2023 Quantitative Aptitude Syllabus Books

Name of the book	Name of the author
How to Prepare for Data Interpretation for CAT	Arun Sharma
Quantitative Aptitude for CAT and Other MBA Entrance Exams	Trishna Knowledge Systems (Pearson)
Quantitative Aptitude for Competitive Examinations	Abhijit Guha (Tata McGraw-Hill)
The Complete CAT Digest, by Tata McGraw-Hill	Arun Sharma

Tips and Strategies to prepare for CAT Quantitative Aptitude

Students must follow the following tips and strategies suggested by experts and toppers while [preparing for CAT quantitative aptitude](#).

People might be interested in-

CAT Exam Syllabus 2023	CAT Exam Pattern 2023
CAT Participating Institutes 2023	CAT Cutoff 2023
CAT Result 2023	CAT Important Dates 2023

Focus on basics

- Pick a topic and start solving various questions until you are clear

- Practice each concept one by one and gradually move to difficult questions or topics

Prepare time table

- Go through the CAT quant syllabus and exam pattern
- Identify the topics which are uncovered
- Assess the time to be needed to cover each topic

Take mock tests

- Familiarize with the type of questions asked in the exam by solving mock tests/ previous year question papers
- Helps you give exam environment and prepare you for D-day
- Analyze your performance and weak and strong areas.

Practice as per sectional time limit

- A sectional time limit of quantitative aptitude is 40 minutes, follow the time pattern while solving mock test
- Assign time for each question. Don't waste time over a question

Focus on weak areas

- After giving [mock tests of CAT](#), analyze the weak areas
- Overcome that mistake by practicing various questions on the particular topic from recommended books

Frequently Asked Question (FAQs) - CAT Quant Syllabus 2023 : Quantitative Aptitude Questions pdf, Mock Test

Question: What level of maths is asked in CAT?

Answer:

The CAT question will be from basic and elementary mathematics.

Question: Is CAT hard to crack?

Answer:

CAT is among the prestigious MBA entrance exam. However, it can be cracked with good preparation.

Question: How do I start my quantitative aptitude preparation?

Answer:

The candidates must analyse the CAT exam syllabus of quantitative aptitude first. It should be followed by extensive practice with the suggested tips and tricks to crack this section.

Question: Is Quant difficult in CAT?

Answer:

Most of the candidates for the CAT 2023 exam believe Quantitative Aptitude to be the hardest section.

Question: Which are the best CAT experts Quantitative Aptitude Tips & Tricks to score high in the Quant section?

Answer:

The weightage of each topic must be checked by students in order to decide how much time they wish to devote to that particular QA topic. It is recommended that students should focus more on the basic topics of number systems and geometry as they hold a good amount of weightage in the CAT 2023 entrance exam.

Not only in CAT but other top business institutes that also cover most of these topics from the Quantitative Aptitude section. When students are done with the basic concepts, they should pick up past year's question papers and practice them

Question: Which are the best books for the CAT Quantitative Aptitude Section?

Answer:

Previous year's papers are the best to practice and check your CAT preparation. Practice and practice because it will make you perfect. Candidates can refer to some of the best books for CAT 2023 like Arun Sharma, Abhijeet Guha, NCERT, etc.

Question: What are the topics in quantitative aptitude?

Answer:

Following are the most crucial topics to prepare for CAT 2023 Quantitative Aptitude Test.

- Permutations and Combination
 - Probability
 - Time and work
 - Percentages
 - Profit and loss
 - Simple and compound interest
 - Ages
 - Averages
 - Calendar and clock (not too imp)
 - Time, speed and distance
 - Number systems
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Question: What is the syllabus of Quantitative Aptitude for CAT?

Answer:

This MBA entrance is not having any defined CAT exam syllabus. So, students are required to prepare from various topics and more or less rely on the previous year's question sets of CAT. So, to solve this dilemma, they have to follow the Toppers tactic and the opinion of the experts. At the same time, a candidate should try to appear in the fake tests that are often available online.

Question: What is the syllabus of Quant in CAT?

Answer:

CAT Quantitative Aptitude refers to a person's ability to solve number and mathematical calculations in a given time. It logically evaluates the ability to play with numbers. This is often required in most competitive exams.

Question: How to Prepare Quantitative Aptitude section for CAT 2023?

Answer:

Quantitative aptitude requires a lot of practice, and to save time to practice, one should follow all the small and simple tricks to increase his practice and reduce errors. He would often have to provide pseudo-tests and go through different research materials and books of different sizes to strengthen the basic concept and basics.

