

CAT 2022 Syllabus

CAT Syllabus 2022 includes 3 major subjects i.e. Verbal Ability and Reading Comprehension, Data Interpretation, and Quantitative Aptitude.

- [CAT Verbal Ability & Reading Comprehension Syllabus](#) has topics like vocabulary, grammar, para jumbles, RC passages, para summary, etc. Last year, 4 RC passages comprising 4 questions each were asked.
- [CAT Data Interpretation & Logical Reasoning Syllabus](#) includes topics like puzzles on words, seating arrangement, blood relations, DI sets based on graphical & tabular representation.
- [CAT Quantitative Aptitude Syllabus](#) is majorly divided into 5 topics- arithmetic, algebra, modern math, geometry & mensuration, and numbers.
- **As per the revised CAT Exam Pattern, the exam will have 66 questions to be attempted in 2 hours. [Check CAT Exam Pattern](#)**
- To begin preparation for CAT 2022, candidates are advised to **download [CAT Question Papers](#)** to get a better understanding of the updated pattern and syllabus.

CAT Syllabus 2022: Quantitative Aptitude

- Questions in QA are mostly based on topics from the Mathematics syllabus to class 10.
- **Out of the 22 questions, the QA section in [CAT](#) exam is expected to have 14 MCQs and 8 Non-MCQs.**
- **This section focuses on numerical problems and will test a candidate's mathematical knowledge.**
- It is a test of speed, accuracy, and precision.
- Quants is a significant section with over 40% of the questions asked from this section. **[Check Quantitative Aptitude Preparation Tips](#)**

CAT Syllabus for Quants	Sub-Topics
Arithmetic	Number System, HCF, LCM, Ratio & Proportion, Simplification, Percentage, Average, Age Calculation, Time & Work, Distance
Algebra	Theory of Equations, Quadratic Equation, Permutation & Combination, Sequence & Series
Geometry	Angles, Lines, Triangles, Circles
Mensuration	Areas and Volumes- Rectangle, Squares, Triangle, Circles, Cubes, Cones, Spheres, Pipes and Cistern

Calculus	Maxima and Minima, Function
Trigonometry	Trigonometric Ratios, Heights and Distances

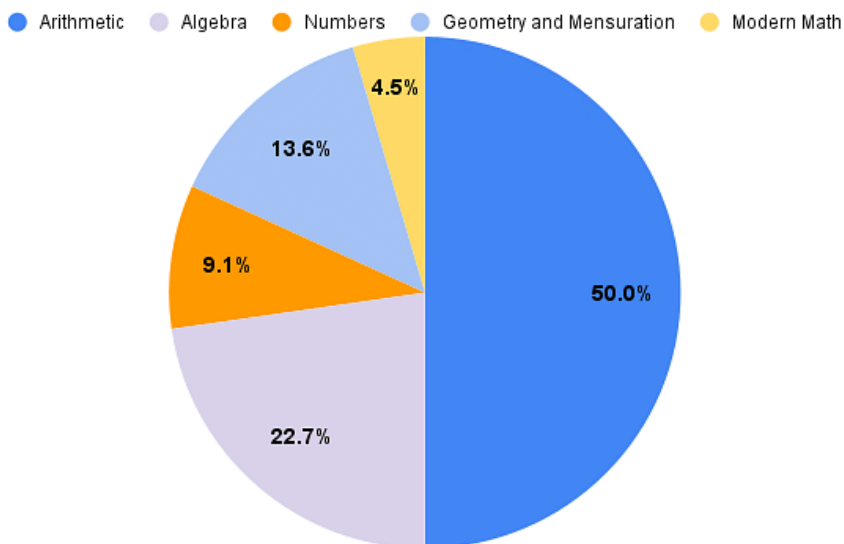
Important topics of CAT Quantitative Aptitude Syllabus

- There are a total of 26 questions from the aptitude section.
- **Arithmetic holds the most weight out of all of the topics. In fact, arithmetic ranks second after reading comprehension in terms of weightage in [CAT 2022 exam](#).** Most of the questions in a quant section are from general topics like profit & loss, number system, geometry, etc.
- As per the graphs, it is evident that 'arithmetic' holds the most weightage, followed by 'modern math'. Modern math consists of topics like Logarithm, Progression, Set theory, Permutation & combination, Functions, etc. There were a total of 12 TITA (Type in the answer) questions in both the CAT 2018 slots.
- Our recommendation would be to focus on geometry, algebra, modern math, and most importantly arithmetic. These topics carry maximum weightage in the quantitative section.

CAT QA Syllabus: Weightage of Important Topics in CAT Exam

Topic	Weightage (No. of Questions)
Arithmetic	10-11
Algebra	5-6
Numbers	1-2
Geometry & Mensuration	3-4
Modern Math	1-2

Topic-wise Weightage of CAT QA Syllabus



CAT Quantitative Aptitude Syllabus: Study Material

Topic Wise Study Material with Solved Sample Questions	
Study Notes on CAT Arithmetic	Study Notes on CAT Algebra
Study Notes on CAT Geometry	Study Notes on Trigonometry
Study Notes on Mensuration	Shortcut Methods for CAT QA
Study Notes on Venn Diagrams	Study Notes on Calendar Questions
Study Notes on Number System	Study Notes on Modern Maths

CAT Quant Paper Analysis

Topic	No of Questions (MCQ/non-MCQ)		
	CAT 2021	CAT 2020	CAT 2019
Number System	2	5	14
Algebra	5	8	11
Arithmetic	11	10	6

Modern Math	1	-	2
Geometry & Mensuration	3	3	1

CAT Syllabus 2022: Data Interpretation and Logical Reasoning

- This section will focus on two aspects- Data Interpretation and Logical Reasoning.
- **DI will have both MCQ and Non-MCQ questions.**
- **Questions from Data Interpretation focus on a candidate's ability to derive conclusions from a given set of data.**
- Logical Reasoning (LR) section tests a candidate's logical thinking and its application to everyday problems.
- LR questions can be individual or be in a set of 4 or more questions.
- The DILR section is expected to see 24 MCQs and only 8 Non-MCQs. [Check DILR Preparation Tips](#)

CAT Syllabus for Data Interpretation		CAT Syllabus for Logical Reasoning	
Bar Graph	Line Graph	Arrangements	Prepositions
Pie Chart	Tables	Data Arrangement	Puzzles
Caselets	Combination of Graphs	Assumptions	Statements
Data Sufficiency	Games and Tournaments	Clock and Calendars	Venn Diagram
-	-	Logical Matching	Logical Connectives

Important Topics in CAT DILR Syllabus

- Generally, the DILR section has 4 sets, each of Logical Reasoning and Data Interpretation.
- **But last year, there were 3 sets from DI and 4 from LR, while one set was a combination of both DI and LR. So from this particular section, expect surprises this year as well. This particular section has been the decider for the last three years and the level of difficulty is also on the rise.**
- The DI section which has 3-4 sets can be further divided into 'Reasoning Based Questions' or 'Calculation Based Questions'.

- Questions from arrangement sets have been more prominent over recent years even though there is no dedicated weightage or topic preferences. So it is advisable to practice as much as you can, especially CAT previous years' question paper.

CAT DILR Syllabus: Study Material

Topic Wise Study Material with Solved Sample Questions	
CAT DILR Seating Arrangement	CAT DILR Syllogism
CAT DILR Venn Diagram for Probability	CAT DILR Calendar Questions
CAT DILR Puzzles	CAT DILR Clocks and Calenders
CAT DILR Blood Relations	CAT DILR Statement and Assumptions
CAT DILR Combination and Graphs	CAT DILR Bar Graph
CAT DILR Pie Charts and Tables	CAT Solved Questions on DILR

CAT DILR Syllabus: Weightage Analysis

Weightage of LR and DI has changed over the years.

- Till 2017, both DI and LR had 16 questions each.
- In 2018 and 2019, DI had 12 questions while LR had 20 questions.
- Surprisingly in 2020, DI had 16 questions while LR had only 8
- In 2021, CAT DILR had only 24 questions (19 MCQs and 5 TITA). **The slot-wise analysis of CAT DILR section for the 2021 exam** is tabulated below:

Slot	Topics	Number of Questions
1	Arrangement of People	6
	Bar Graph on Percentages	4
	Tabular DI- Smoothies	6
	Friends, Strangers, and Acquaintances	4
2	Games & Tournament	4
	Rating	6
	Bar Graph	4

	LR Set (Number Based Reasoning)	6
3	Javelin Tournament	6
	Mixtures	4
	Review of Academic Questions	6
	Gantt Chart	4

CAT Syllabus 2022: Verbal Ability and Reading Comprehension

- The VARC section tests a candidate's language and comprehension skills.
- **The comprehension questions will test the ability of the candidate to comprehend the meaning of a given passage.**
- **Questions from the Reading Comprehension passage can be true/false statements based on the passage, the Author's point of view on the issues raised in the passage, Inference from the passage, the central idea of the passage, and its purpose.**
- The questions in the RC part are MCQs.
- Verbal Ability questions will mostly be Non-MCQs.
- This year, 19 MCQs and 5 Non-MCQs were asked in the paper.
- Generally, 70% of VARC questions come from Reading Comprehension. [Check CAT VARC Preparation Tips](#)

CAT Syllabus for Verbal Ability and Reading Comprehension	
Critical Reasoning	Grammar and Usage
Sentence Correction	Word Usage
Fill in the Blanks	Para Jumble
Para Completion	Idioms
Para Summary	-

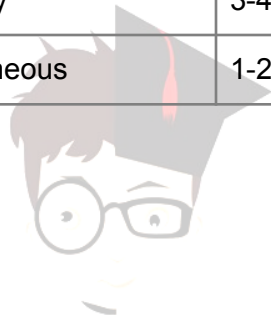
Important Topics in CAT VARC

- As per the last exam update, the verbal section was combined with reading comprehension to form a section now known as 'VARC'.

- **Under the verbal ability sub-topic, questions from sentence correction, grammar, vocabulary, or fill in the blanks have not appeared in the last three years in the CAT 2022.**
- So it's not worthwhile to dedicate extensive time to these topics. Instead, questions from the para jumble topic have become an integral part from the verbal ability section. The difficulty of para jumbles has also been moderate in the past few years.

CAT VARC Syllabus: Weightage of Important Topics in CAT Exam

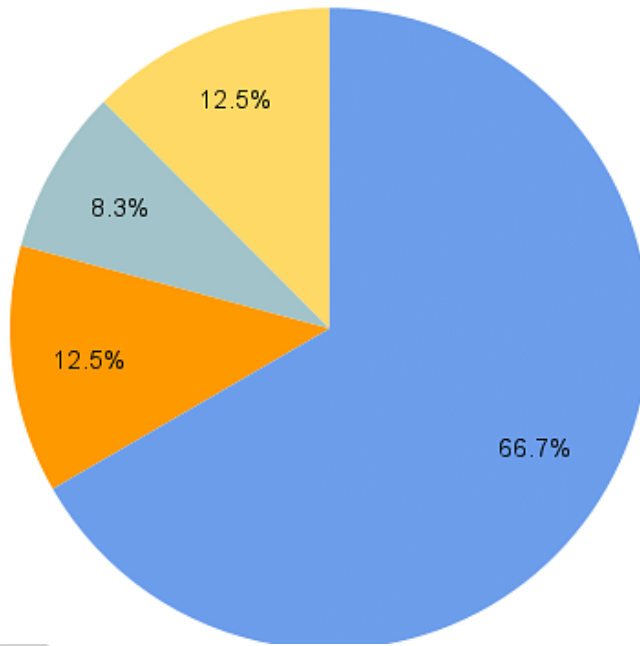
Topic	Weightage (No. of Questions)
Reading Comprehension	15-16
Para Jumbles	3-4
Odd Sentence Out	1-2
Summary	3-4
Miscellaneous	1-2



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Topic-wise Weightage of CAT VARC Syllabus

● Reading Comprehension
 ● Para Jumbles
 ● Odd Sentence Out
 ● Summary



CAT VARC Syllabus: Study Material

Topic Wise Study Material with Solved Sample Questions	
CAT VARC Para Jumbles	CAT VARC Para Completion
CAT VARC Fill in the Blanks	CAT VARC Solved Sample Questions
CAT VARC Phrase Modifiers	CAT VARC Pronouns
CAT VARC Type of Clauses	CAT VARC Type of Articles
CAT VARC Reading Comprehension	CAT VARC Prepositions
CAT VARC Parts of Speech	CAT VARC Error in Tenses

CAT VARC Paper Analysis

VARC	2021	2020	2018		2017		2016	
	All 3 Slots	Both	Slot 1	Slot 2	Slot 1	Slot 2	Slot 1	Slot 2
Topics	All 3 Slots	Both	Slot 1	Slot 2	Slot 1	Slot 2	Slot 1	Slot 2

RC	16	18	24	24	24	24	24	24
Para Jumbles	3	3+2	4	4	4 (TITA)	4 (TITA)	4 (TITA)	4 (TITA)
Out of Context	2	-	3 (TITA)	3 (TITA)	3 (TITA)	3 (TITA)	3 (TITA)	3 (TITA)
Summary	3	3	3 (TITA)	3 (TITA)	3 (TITA)	3 (TITA)	3 (TITA)	3 (TITA)
Total	24	26	34	34	34	34	34	34

Best Books to Cover CAT Syllabus 2022

Since CAT is the most recognized management entrance exam in the country, there is no shortage of available sources for preparation in the market. Here are some suggested books for accurate CAT Preparation:

Preparation Books for CAT Quantitative Ability Section

Books for CAT	Author Name/Publisher	ISBN Number
How to Prepare for Quantitative Aptitude for the CAT	Arun Sharma	9352602242
Quantitative Aptitude Quantum CAT Common Admission Tests for Admission into IIMs	Sarvesh K. Verma	9311123870
Quantitative Aptitude for the CAT	Nishit K. Sinha	9332570019

Preparation Books for CAT Data Interpretation & Logical Reasoning

Books for CAT	Author Name/Publisher	ISBN Number
CAT Data Interpretation & Logical Reasoning	Gautam Puri	9386309475
Logical Reasoning and Data Interpretation for the CAT	Nishit K. Sinha	933257121X
Data Interpretation & Data Sufficiency	Ananta Ashisha	9352039246
How to Prepare for Data Interpretation for CAT	Arun Sharma	9352602250

Preparation Books for CAT Verbal and Reading Comprehension

Books for CAT Exam	Author Name/ Publisher	ISBN Number
How to Prepare for Verbal Ability and Reading Comprehension for CAT	Arun Sharma and Meenakshi Upadhyay/Arihant	9352602269
30 Days to a More Powerful Vocabulary Mass Market Paperback	Wilfred Funk & Norman Lewis/ Simon & Schuster	067174349X
How to Prepare for Verbal Ability and Reading Comprehension for the CAT	Sharma and Upadhyay	9339222695
PSC for VA for CAT	Nishit Sinha	9332570027

[Check Best Books for CAT Preparation](#)

Mantra for Final Year Students to Cover CAT Syllabus

Rigorous preparation and dedication are required before appearing for CAT. Eligibility criteria allow candidates even appearing in their final year of graduation to sit for the exam. It is observed that such candidates have a certain advantage in terms of preparing

1. Advantage in Preparation as Syllabus is Similar

Preparing alongside graduation is an advantage keeping in mind that there are certain similarities between the course syllabus and CAT syllabus. Candidates pursuing Btech, BSc, and BCom can step up their game as some subjects in their course have similarities with the Quantitative Aptitude section of CAT.

Aspirants doing graduation from the Humanities stream have an advantage in English and language which has similarities with CAT VALR syllabus.

2. Advantage in Attending Coaching

Unlike working professionals, college students have the capacity to attend coaching classes. Alongside regular classes sparing time for coaching is possible if done in the right way as they are not bound in a 9 to 5 schedule. Though it should be kept in mind that going for coachings to prepare is not necessary for all candidates but it helps in scheduling and streamlining preparation.

3. Chances of Selection without a Gap Year

The ideal preparation time for CAT is around 9 to 12 months. If candidates in their graduation speed up their preparation at the right time there are chances they do not have to take a gap year and get selected in one go.

4. Less Loss of Resources

Candidates should keep in mind that while studying there is no loss of income as compared to professionals who generally quit their job to prepare for CAT. An undergraduate student does not have to toil in such situations and prepare to their full capacity without a worry about income or resources. In fact, resources can be extracted from college libraries and digital resources as well.

Quick Links:

[CAT Previous Year Question Papers of Quant](#)

[CAT DILR Previous Year Question Papers](#)

[CAT VARC Previous Year Question Papers](#)

CAT Syllabus 2022: Day Wise Preparation Plan

CAT QA Preparation

Topics	Days
Mensuration	3
Trigonometry	3
Coordinate Geometry	3
Geometry	5
Set theory	3
Functions	4
Probability	4
Permutation and combination	5
Surds and indices	2
Progression (sequence and series)	4
Logarithm	3

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Quadratic and higher-order equations	4
Linear equations	3
Ratio and proportion	3
Allegation	2
Time and work	3
Speed, Time, and Distance	4
Interest (compound and simple)	3
Profit, loss, and Discount	3
Percentages	3
Averages	3
Number system	5

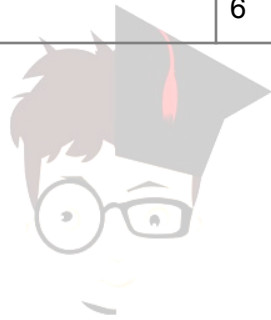
CAT VARC Preparation

Topics	Days
English usage or Grammar	5
Sentence correction	5
Fill in the blanks	5
Verbal reasoning	4
Reading comprehension	15
Jumbled paragraph	10
Odd sentence	10
Summary questions	10
Facts/ inference/ judgements	4
Para completion	10

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CAT DILR Preparation

Topics	Days
Bar Graph	5
Pie Chart	5
Line Graph	5
Arrangements	4
Assumptions	8
Clock and Calendars	5
Games and Tournaments	6
Puzzles	6



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