

INSPIRE HUB



CONSULTANT

# CAT EXAM

(SYLLABUS & OTHER DETAILS)

QUANT – ONLY

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[TOP B-SCHOOLS](#)[IMPORTANT DATES](#)[EXAM PATTERN](#)[SYLLABUS & WEIGHTAGE](#)[SCORE VS PERCENTILE](#)

# CAT 24 EXAM PATTERN

The CAT exam consists of three sections, each lasting 40 minutes, making it a 2-hour Exam.

## SUBJECTS

## QUESTIONS

## TIME

QUANTITATIVE ABILITY

22

40  
MIN

VERBAL ABILITY &  
READING COMPREHENSION

24

40  
MIN

LOGICAL REASONING &  
DATA INTERPRETATION

22

40  
MIN

Question Type: Objective & TITA (No Negative Marking)

\*MARKING SCHEME : +3 for every Correct Ans & -1 for every Incorrect Ans

# CAT FULL SYLLABUS

## QUANTITATIVE APTITUDE

| Arithmetic            | Algebra             | Geometry         | Number System         | Modern Maths |
|-----------------------|---------------------|------------------|-----------------------|--------------|
| Percentages           | Linear Equations    | Triangles        | Properties of Integer | Set Theory   |
| Profit & Loss         | Quadratic Equations | Quadrilaterals   | Divisibility          | Probability  |
| SI & CI               | Polynomials         | Polygons         | Remainder Theorem     | PnC          |
| Ratio & Proportion    | Indices & Surds     | Circles          | Factors               |              |
| Averages              | Logarithms          | Mensuration - 3D | LCM & HCF             |              |
| Mixture & Alligation  | Inequalities        | Coordinate Geo   | Factorial             |              |
| Time & Work           | Sequence Series     |                  | Trailing Zeroes       |              |
| Pipes & Cisterns      | Functions           |                  | Last Digits           |              |
| Time Speed & Distance | Graphs              |                  |                       |              |
| Races                 | Modulus             |                  |                       |              |
| Trains & Boats        |                     |                  |                       |              |

# TOPIC-WISE WEIGHTAGE

| Chapter Name                         | 2022  | 2023  | 2024  |
|--------------------------------------|-------|-------|-------|
| Average, Ratio, Mixture & Alligation | 3 - 5 | 4 - 6 | 3 - 5 |
| Profit & Loss, SI CI, Percentages    | 1 - 3 | 2 - 3 | 2 - 3 |
| TSD & Time and Work                  | 3 - 5 | 2 - 3 | 2 - 3 |
| Geometry                             | 3     | 3     | 2 - 3 |
| Quadratic, Polynomials & Simple Eq   | 1 - 3 | 3 - 4 | 1 - 2 |
| Progression and Series               | 1 - 3 | 2     | 1 - 2 |
| Inequalities, Modulus & Functions    | 3 - 4 | 1 - 2 | 1 - 2 |
| Logarithm, Surds & Indices           | 0 - 1 | 1 - 3 | 2     |
| Probability and P&C                  | 1     | 1     | 0 - 1 |
| Number System                        | 1     | 1 - 2 | 2 - 3 |
| Venn Diagrams                        | 0     | 0     | 0     |

# CAT SCORE VS %ILE

## (LAST 5 YEARS)

| %ile          | CAT 2024 | CAT 2023 | CAT 2022 | CAT 2021 | CAT 2020 |
|---------------|----------|----------|----------|----------|----------|
| Max Marks     | 204      | 198      | 198      | 198      | 228      |
| Duration/Ques | 2hr / 68 | 2hr / 66 | 2hr / 66 | 2hr / 66 | 2hr / 76 |
| 99.5          | 104      | 84       | 92       | 110      | 115      |
| 99            | 96       | 76       | 84       | 98       | 101      |
| 95            | 70       | 54       | 62       | 73       | 76       |
| 90            | 58       | 46       | 49       | 60       | 63       |
| 80            | 42       | 34       | 36       | 46       | 48       |

## CAT 2024 SCORE VS %ILE

| %ile | OVERALL | VARC | QUANTS | LRDI |
|------|---------|------|--------|------|
| 99.5 | 104     | 45   | 37     | 41   |
| 99   | 96      | 40   | 32     | 38   |
| 95   | 70      | 30   | 22     | 28   |
| 90   | 58      | 24   | 17     | 22   |
| 80   | 42      | 18   | 10     | 17   |