



# The Ultimate Guide to MBA Exam Prep

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# INDEX

|    |  |    |
|----|--|----|
| 1  | MBA Exam Preparation                     | 02 |
| 2. | CAT (Common Admission Test)              | 08 |
| 3. | NMAT (NMIMS Management Aptitude Test)    | 13 |
| 4. | SNAP (Symbiosis National Aptitude Test)  | 15 |
| 5. | XAT (Xavier Aptitude Test)               | 18 |
| 6. | IIFT (Indian Institute of Foreign Trade) | 20 |
| 7. | BYJU'S Exam Prep Teaching Methodology    | 22 |
| 8. | Last Year Question Paper                 | 24 |

# MBA

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MBA (Master of Business Administration) is one of the most prestigious postgraduate programs in India. Candidates from any discipline or academic background can pursue MBA. Whether you are a working professional trying to upskill yourself or a fresher who wants to start big, MBA is the right path for you.

An MBA degree provides you with deep practical knowledge of business management. There are various types of MBA depending on the candidate's preference. There are full-time MBA programs, Online MBA programs, Distance MBA programs, Executive MBA programs, and One-year MBA programs, and MBA integrated courses.

An ideal MBA degree is a full time MBA degree where a candidate spend 2 years in a B-School where the first year is dedicated to clearing your concepts and teaching fundamentals of business management and the second year is for deep understanding of the specialization course you picked (Finance, Marketing, Operations Management, Leadership, Strategy, Entrepreneurship, and many more).

## Why is an MBA degree important?

An MBA degree is essential for that extra push one's career needs. Any candidate without an MBA degree will have to give a minimum of 4-5 years of diligent work before they secure a top position in any company since he has to start from the bottom. On the other hand, a candidate with an MBA degree can start at a top position in the very beginning and then move up to the CXO level.

## Quality Education from Top B-Schools

Top B-Schools in India give state of the art infrastructure and exceptional resources that make a candidate stand out from the rest of the crowd. The curriculum designed by these Institutions gives a holistic approach to all the candidates. The knowledge builds a confidence in candidates that helps them solve complex problems in an organization.

## Monetary Benefit

Graduates from top B-Schools get placed in companies like Accenture Strategy & Consulting, Kearney, Bain & Company, KPMG, McKinsey & Co., Citibank, Goldman Sachs, Asian Paints, Dabur, Reliance Industries Limited, Bharti Enterprises, MasterCard, Titan Company Ltd. Deloitte, etc, with an average salary of 40-45 lacs.

The average income for an MBA graduate is much higher than an employee's with a regular Master's. You can expect to earn twice as much as what you would get from a regular university degree.

## Career Progression

With an MBA degree from top B-Schools candidates get placed in the organization in the top positions. Some candidates even start at a managerial level and fasttrack their career to reach a CXO level.

An MBA degree holder gets to be in the cream of the organization. 30-40% of MBA students tend to acquire high positions in top companies. Despite the pandemic, the placement records for MBA colleges showed similar trends to non-COVID times.

## Versatility

An MBA degree doesn't block a candidate in terms of role in the company. A candidate can easily shift between roles based on his interest. An MBA degree gives candidates a broad understanding of business management with candidates discussing case studies from actual scenarios. Therefore, they are able to handle tricky situations at the workplace with ease.

For example, Chetan Bhagat, an IIM Ahmedabad graduate, who is now a famous author and a columnist. Harsha Bhogle, an IIM Ahmedabad graduate, is now a successful cricket commentator and journalist. Amish Tripathi, author of the Shiva Trilogy which was the fastest-selling book series in Indian publishing history, graduated from IIM Calcutta.

## What is an ideal time to go for an MBA degree?

Candidates should go for an MBA degree either immediately after their graduation or after obtaining 2 year of work experience

## Where to do an MBA from?

In today's era, it is crucial for candidates to do an MBA from top B-Schools in India. Getting admission in top B-Schools will help candidates secure a good job with a decent salary package. Therefore, selecting a good B-School is important.

## List of top IIMs in India:

| S.No. | Names               | Location         | Website  |
|-------|---------------------|------------------|--|
| 1     | IIM Calcutta        | Kolkata          | <a href="http://iimcal.ac.in">iimcal.ac.in</a>             |
| 2     | IIM Ahmedabad       | Ahmedabad        | <a href="http://iima.ac.in">iima.ac.in</a>                 |
| 3     | IIM Bangalore       | Bangalore        | <a href="http://iimb.ac.in">iimb.ac.in</a>                 |
| 4     | IIM Lucknow         | Lucknow          | <a href="http://iiml.ac.in">iiml.ac.in</a>                 |
| 5     | IIM Kozhikode       | Kozhikode        | <a href="http://iimk.ac.in">iimk.ac.in</a>                 |
| 6     | IIM Indore          | Indore           | <a href="http://iimidr.ac.in">iimidr.ac.in</a>             |
| 7     | IIM Shillong        | Shillong         | <a href="http://iimshillong.ac.in">iimshillong.ac.in</a>   |
| 8     | IIM Rohtak          | Rohtak           | <a href="http://iimrohtak.ac.in">iimrohtak.ac.in</a>       |
| 9     | IIM Ranchi          | Ranchi           | <a href="http://iimranchi.ac.in">iimranchi.ac.in</a>       |
| 10    | IIM Raipur          | Raipur           | <a href="http://iimraipur.ac.in">iimraipur.ac.in</a>       |
| 11    | IIM Tiruchirappalli | Tiruchirappalli  | <a href="http://iimtrichy.ac.in">iimtrichy.ac.in</a>       |
| 12    | IIM Kashipur        | Kashipur         | <a href="http://iimkashipur.ac.in">iimkashipur.ac.in</a>   |
| 13    | IIM Udaipur         | Udaipur          | <a href="http://iimu.ac.in">iimu.ac.in</a>                 |
| 14    | IIM Nagpur          | Nagpur           | <a href="http://iimnagpur.ac.in">iimnagpur.ac.in</a>       |
| 15    | IIM Amritsar        | Amritsar         | <a href="http://iimamritsar.ac.in">iimamritsar.ac.in</a>   |
| 16    | IIM Bodh Gaya       | Bodh Gaya        | <a href="http://iimbg.ac.in">iimbg.ac.in</a>               |
| 17    | IIM Sirmaur         | Sirmaur district | <a href="http://iimsirmaur.ac.in">iimsirmaur.ac.in</a>     |
| 18    | IIM Visakhapatnam   | Visakhapatnam    | <a href="http://iimv.ac.in">iimv.ac.in</a>                 |
| 19    | IIM Sambalpur       | Sambalpur        | <a href="http://iimsambalpur.ac.in">iimsambalpur.ac.in</a> |
| 20    | IIM Jammu           | Jammu            | <a href="http://iimj.ac.in">iimj.ac.in</a>                 |

### List of top Non-IIMs in India:

| S.No. | Non-IIM Top Colleges                                    |
|-------|---|
| 1     | Faculty Of Management Studies, Delhi                    |
| 2     | XLRI - Xavier School Management, Jamshedpur             |
| 3     | S. P. Jain Institute Of Management and Research, Mumbai |
| 4     | Jamnalal Bajaj Institute Of Management Studies, Mumbai  |
| 5     | MDI Gurgaon   |
| 6     | Indian Institute Of Foreign Trade                       |
| 7     | National Institute of Industrial Engineering (NITIE)    |
| 8     | Indian Institute Of Technology, Delhi                   |
| 9     | Indian Institute Of Technology, Mumbai                  |
| 10    | NMIMS, Mumbai   |
| 11    | SIBM, Pune  |

## What are the various MBA Entrance Exams?

There are various exams that come under MBA. CAT is one of the most popular exams in this category. These exams are divided into 3 groups:

### National Level Exams

Common Admission Test (CAT), NMIMS Management Aptitude Test (NMAT), Symbiosis National Aptitude Test (SNAP), Management Aptitude Test (MAT), Xavier Aptitude Test (XAT), Common Management Admission Test (CMAT), AIMS Test for Management Admissions (ATMA)

## State Level Exams

Maharashtra Common Entrance Test (MAH MBA CET), Telangana State Integrated Common Entrance Test (TSICET), Tamil Nadu Common Entrance Test (TANCET), Karnataka Post Graduate Common Entrance Test (PGCET), Karnataka Management Aptitude Test (KMAT)

## Institutes' Own Exams

Indian Institute of Foreign Trade Admission Test (IIFT), ICFAI Business School Aptitude Test (IBSAT), Tata Institute of Social Sciences National Entrance Test (TISSNET), Kalinga Institute of Industrial Technology Entrance Exam (KIITEE)

## Schedule of popular MBA Exams:

| MBA Exam  | Last Date to Apply            | Exam Date                     |
|-----------|-------------------------------|-------------------------------|
| CAT 2022  | Second Week of September 2022 | Last Sunday of November 2022  |
| NMAT 2022 | Second Week of November 2022  | October to December 2022      |
| SNAP 2022 | Last Week of September 2022   | December 2022 to January 2023 |
| XAT 2023  | Last Week of November 2022    | First Week of January 2022    |
| IIFT 2023 | Last Week of November 2022    | First Week of January 2022    |



# CAT (Common Admission Test)

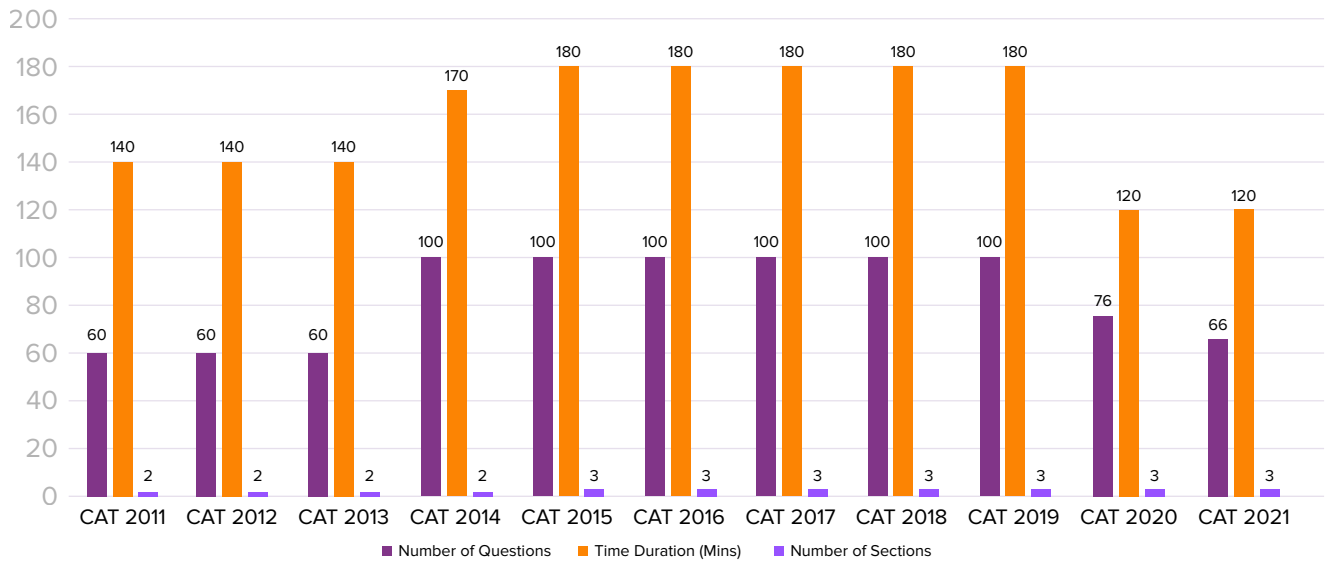
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CAT or Common Admission Test is the most popular MBA entrance exam conducted by one of the IIMs on a rotational basis every year. CAT is a computer based test and is conducted on the last Sunday of every month. It is the entrance test that opens the gates of 20 Indian Institutes of Management (IIMs) and many non-IIMs for their MBA/PGDM programmes.

Close to 2 lac students register for the exam and 2% make it to the top 20 B-Schools. IIMs will offer admission 2023 on the basis of CAT 2022 only and will not accept any other test score. There are more than 150 cities and more than 400 venues where CAT 2022 will be conducted in India.

CAT 2021 was conducted on November 28, 2021 in 3 Slots (Morning Slot (8.30 am to 10.30 am), Afternoon Slot (12.30 pm to 2.30 pm) & Evening Slot (4.30 pm to 6.30 pm)). CAT 2021 was conducted by IIM Ahmedabad. The candidates had 2 hours (120 minutes) to solve the CAT 2021 exam. The number of questions in CAT 2021 were reduced to 66 from 76 in CAT 2020.

The CAT pattern has changed over the years with the number of questions from 60 going up to 100 and then being reduced to 76 in CAT 2020, with 66 questions in CAT 2021.



CAT has 3 sections namely VARC (Verbal Ability & Reading Comprehension), DILR (Data Interpretation & Logical Reasoning) and QA (Quantitative Aptitude). CAT 2021 has +1/-3 marking scheme. The CAT paper pattern is given below:

| Section      | Questions | MCQs      | Non-MCQ   | Time (in mins.) |
|--------------|-----------|-----------|-----------|-----------------|
| VARC         | 24        | 19        | 5         | 40              |
| DILR         | 20        | 15        | 5         | 40              |
| QA           | 22        | 14        | 8         | 40              |
| <b>Total</b> | <b>66</b> | <b>48</b> | <b>18</b> | <b>120</b>      |

BYJU'S Exam Prep have derived the CAT Score vs Percentile after rigorous analysis of CAT 2021 scorecards

| Section    | Marks in CAT 2021 | Marks in CAT 2020 | Marks in CAT 2019 | Marks in CAT 2018 | Marks in CAT 2017 | Marks in CAT 2016 |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 99.9 % ile | 120               | 131               | 196               | 192               | 208               | 191               |
| 99.5 % ile | 107               | 115               | 170               | 170               | 183               | 168               |
| 99 % ile   | 97                | 102               | 157               | 155               | 173               | 153               |
| 95 % ile   | 71                | 77                | 120               | 125               | 139               | 123               |
| 90 % ile   | 59                | 63                | 90                | 110               | 121               | 108               |
| 85 % ile   | 51                | 55                | 87                | 90                | 103               | 93                |
| 80 % ile   | 45                | 49                | 75                | 80                | 98                | 84                |
| 70 % ile   | 36                | 36                | 57                | 62                | 83                | 68                |

Admission/Selection Process for Candidates across IIM's

## Preliminary Screening

In CAT there were three sections, viz., 'Quantitative Aptitude' (QA), 'Data Interpretation & Logical Reasoning' (DILR) and 'Verbal and Reading Comprehension' (VARC). Only the candidates with minimum cut-offs in the sectional percentile ranks, the overall percentile rank and obtaining a positive (greater than zero) raw score in all sections of CAT will be considered for all the subsequent stages.

### Shortlisting for Group Discussion (GD), Written Ability Test (WAT) & Personal Interview (PI) rounds

Shortlisting will be carried out in two stages.

**Stage 1:** From the Applicants' pool: Selection of exceptional performers across different disciplines academic profile, work experience and more

**Stage 2:** After removing the candidates selected in Stage 1 from each category (General, NC-OBC, SC, ST and PWD) the additional number of candidates to be shortlisted for GD, WAT & PI will be selected on the basis of the composite score 'CS'. For every B-School the composite score will be different based on their criteria.

(TISSNET), Kalinga Institute of Industrial Technology Entrance Exam (KIITEE) Management, MICA Admissions Test (MICAT)

## Profile Analysis

After the conducting of GD-WAT-PI rounds, all colleges look at the profile of students. In this the college consider some or all of the following elements:

- Class 10th Marks
- Class 12th Marks
- Undergraduation Marks & Stream (Academic Diversity)
- Gender
- Work Experience
- Master's Course
- Professional Courses like CA/CS/ICWA, etc.

## Final Selection

Selection at this stage will strictly be based on the shortlisting of the candidates done separately for each category (General/SC/ST/NC-OBC/PwD) on the basis of their 'Final Composite Score (FCS)'. For every B-School the final score will be different based on their criteria.

$$\text{FCS} = \text{PIF} * \text{Normalised PI Score} + \text{AWTF} * \text{Normalised AWT Score} + \text{CATF\_FCS} * \text{Normalised CAT Score} + \text{ARF\_FCS} * \text{AR}$$

Personal Interview Multiplication Factor (PIF) = 0.50

AWT Multiplication Factor (AWTF) = 0.10

CAT Score Multiplication Factor for Final Composite Score (CATF\_FCS) = 0.25

Application Rating Multiplication Factor for Final Composite Score (ARF\_FCS) = 0.15

\*However, the selection criteria is also at the discretion of the specific IIMs as well.



# NMAT (NMIMS Management Aptitude Test)

NMAT is a computer adaptive test. NMAT was conducted both online and offline. GMAC, who conducts GMAT, is also the test administrator of NMAT. NMAT Exam 2021 was conducted from October 14, 2021 to December 27, 2021. The question paper has three sections- Language Skills, Quantitative Skills and Logical Reasoning. Each section includes 36 questions making a total of 108 questions to be solved in 120 minutes.

There is no negative marking in this test and hence all 120 questions have to be attempted. Candidates can choose the order in which they want to attempt the sections. NMAT can be attempted thrice (with a gap of 15 days between the 2 consecutive tests).

| Section             | Number of Questions |            |            | Time       |            |            | Score Range   |               |               |
|---------------------|---------------------|------------|------------|------------|------------|------------|---------------|---------------|---------------|
|                     | NMAT 2019           | NMAT 2020  | NMAT 2021  | NMAT 2019  | NMAT 2020  | NMAT 2021  | NMAT 2019     | NMAT 2020     | NMAT 2021     |
| Language Skills     | 40                  | 36         | 36         | 22 min     | 28 min     | 28 min     | 0-144         | 12-120        | 12-120        |
| Quantitative Skills | 40                  | 36         | 36         | 60 min     | 52 min     | 52 min     | 0-96          | 12-120        | 12-120        |
| Logical Reasoning   | 40                  | 36         | 36         | 38 min     | 40 min     | 40 min     | 0-120         | 12-120        | 12-120        |
| <b>Total</b>        | <b>120</b>          | <b>108</b> | <b>108</b> | <b>120</b> | <b>120</b> | <b>120</b> | <b>0 -360</b> | <b>36-360</b> | <b>36-360</b> |

In order to secure admission in the prestigious PGDM program of Narsee Monjee Institute of Management Studies, candidates need to clear the NMAT exam. An autonomous institute, Narsee Monjee Institute of Management Studies is one of the top B-schools in the country. Although there are 11 NMIMS branches in total and 30 other B-schools offering admission through NMAT, most students compete for the three most prominent branches, i.e NMIMS Mumbai, NMIMS Bengaluru and NMIMS Hyderabad. Besides NMIMS, some of the other A listed B-schools accepting NMAT scores are SPJIMR Mumbai (Management Courses), XIMB (Hotel Management and Human Resources Courses), VIT Vellore, ICFAI Business School etc. In the last couple of years NMAT has become quite popular among MBA aspirants with the number of test takers going as high as 88000.

**The college wise cut-offs for NMAT 2021 is given below:**

| Colleges                              | Sectional | Score   |
|---------------------------------------|-----------|---------|
| NMIMS Mumbai                          | ~75 each  | 235-240 |
| NMIMS Bangalore, Navi Mumbai, XIMB HR | ~73 each  | 230     |
| KJ Somaiya                            | ~70 each  | 225     |
| SDA Bocconi, XIMB RM                  | ~65 each  | 220     |
| NMIMS Hyderabad, Indore               | ~55 each  | 200     |

## Top MBA Colleges accepting NMAT Scorest

- NMIMS University
- K J Somaiya Institute of Management, Mumbai
- Xavier University Bhubaneswar
- IFMR Graduate School of Business at KREA University, Sri City
- IBS Hyderabad: ICFAI Business School
- VIT University Vellore, Chennai

# SNAP (Symbiosis National Aptitude Online Test)

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SNAP 2021 was conducted in 3 Slots (December 19, 2021, January 8, 2022 January 16, 2022) with students being allowed to appear for any 2 of the 3 exam dates with the better score being counted towards selection. SNAP Exam is a computer-based online exam. The candidates are required to solve 60 questions in 60 minutes. +1/-0.25 is the marking scheme that SNAP follows. There are no marks and no negative marking for unattempted questions.

Due to COVID-19 the number of questions were reduced from 110 to 60 in SNAP 2020. SNAP 2021 had 60 questions with no special questions asked. The time was also reduced from 2 hours to 60 minutes in 2020 & 2021.





| Section                            | No. of Questions | Total Marks |
|------------------------------------|------------------|-------------|
| General English                    | 15               | 15          |
| Analytical & Logical Reasoning     | 25               | 25          |
| Quantitative, DI, Data Sufficiency | 20               | 20          |
| <b>Total</b>                       | <b>60</b>        | <b>60</b>   |

There are changes in the SNAP paper pattern due to COVID-19 pandemic.

| Particulars              | SNAP 2022-2023* | SNAP 2020-2021 | SNAP 2019   |
|--------------------------|-----------------|----------------|-------------|
| Total Time Duration      | 60 Minutes      | 60 Minutes     | 120 Minutes |
| Test Timings             | 11 am -12 pm    | 11 am -12 pm   | 2 pm - 4 pm |
| Total questions          | 60              | 60             | 110         |
| Exam Frequency           | 3 times         | 3 times        | 1 time      |
| Total number of Attempts | 2 times         | 2 times        | 1 time      |

\*The SNAP 2022 pattern is expected to be similar to 2021. Official notification is yet to be announced

After clearing the SNAP exam, candidates have to participate in Group Exercise (GE), Personal Interaction (PI) and Written Ability Test (WAT), conducted by SIU institutes individually in February and March.

The table below shows the SNAP 2021 Score vs Percentile:

| SNAP Percentile | SNAP 2021 Score |
|-----------------|-----------------|
| 99%ile          | 43              |
| 97%ile          | 40              |
| 95%ile          | 39              |
| 90%ile          | 35.5            |
| 85%ile          | 34              |
| 80%ile          | 32.5            |
| 70%ile          | 30.25           |

## Few Colleges accepting SNAP Scores

- SIBM (Symbiosis Institute of Business Management), Pune
- SCMHRD (Symbiosis Centre for Management and Human Resource Development) Pune
- SIIB (Symbiosis Institute of International Business), Pune
- SIBM (Symbiosis Institute of Business Management) Bangalore
- Symbiosis Institute of Operations Management (SIOM) Nashik
- SIMS (Symbiosis Institute of Management Studies), Pune

## XAT (Xavier Aptitude Test)

XAT is another popular and important MBA entrance exam conducted by XLRI Jamshedpur. The scores of the XAT exam is used by XLRI and other XAMI members, and also more than 700 management colleges accept the score of the XAT exam for their post-graduate management programmes.

XAT exam is conducted in online mode only. There are four sections in the XAT exam namely Decision Making, Verbal & logical ability, Quantitative Aptitude & Data Interpretation, and General Knowledge. The Xavier aptitude test is conducted yearly in an online mode.

The XAT exam is divided into 2 parts. Part 1 is of 165 minutes with no sectional timing and Part 2 is of 15 minutes. Essay Writing was re-introduced to XAT 2022 paper where candidates were given 10 minutes to write an essay on the given topic. The time duration of the XAT exam is 190 minutes. The break up of the XAT exam pattern is given below:

| Section                                    | No. of Questions     | Total Marks             |
|--|----------------------|-------------------------|
| Verbal & Logical Ability                   | 26                   | No Sectional Time Limit |
| Decision Making                            | 21                   | No Sectional Time Limit |
| Quantitative Ability & Data Interpretation | 28                   | No Sectional Time Limit |
| <b>Paper 1</b>                             | <b>75 Questions</b>  | <b>165 Minutes</b>      |
| General Knowledge                          | 25                   | 15 Minutes              |
| <b>Paper 2</b>                             | <b>25 Questions</b>  | <b>15 Minutes</b>       |
| <b>Essay Writing</b>                       | <b>1 Question</b>    | <b>10 Minutes</b>       |
| <b>Total</b>                               | <b>101 Questions</b> | <b>190 Minutes</b>      |

The tables below list the sectional cut-offs for different programs of XLRI.

### Program - BM

| Category | VALR | DM | QA | Overall |
|----------|------|----|----|---------|
| Male     | 75   | 72 | 80 | 93      |
| Female   | 72   | 72 | 75 | 90      |

### Program - HRM

| Category                 | VALR | DM | QA | Overall |
|--------------------------|------|----|----|---------|
| Male (Engineering)       | 80   | 70 | 75 | 92      |
| Female (Engineering)     | 80   | 70 | 64 | 90      |
| Male (Non-Engineering)   | 80   | 70 | 70 | 90      |
| Female (Non-Engineering) | 80   | 70 | 60 | 87      |

## Few Colleges accepting XAT scores

- XLRI Jamshedpur
- XIM Bhubaneswar
- IMT Ghaziabad
- Vijay Patil School of Management (VPSM), DY Patil University, Navi Mumbai
- MICA Ahmedabad

# IIFT (Indian Institute of Foreign Trade)

IIFT exam pattern resembles other entrance exams. IIFT is conducted online in English. conducted for 2 hours. The detailed IIFT Exam Pattern 2022 is mentioned below:

| Section                                 | Questions  | Marks Per Question | Questions | Total Marks |
|---|------------|--------------------|-----------|-------------|
| Verbal Ability & English Comprehension  | 35         | 3                  | -1        | 105         |
| Data Interpretation & Logical Reasoning | 30         | 3                  | -1        | 90          |
| Quantitative Analysis                   | 25         | 3                  | -1        | 75          |
| General Knowledge & Awareness           | 20         | 1.5                | -0.5      | 30          |
| <b>Total</b>                            | <b>110</b> | <b>-</b>           | <b>-</b>  | <b>300</b>  |



The IIFT entrance exam is just like any other MBA entrance exam but there are some unique aspects to it and that's what needs to be considered while making a preparation plan. For example, the RC passages of IIFT are of different nature than that of CAT or XAT. Similarly, the quant questions of IIFT often turn out to be more difficult than CAT or XAT. So, you need an exam specific preparation strategy to score well in the IIFT exam.

### The IIFT 2022 expected cut-off:

| Section   | Total | General/Gen-EW<br>S/OBC-NCL | SC/ST/PwD/Kashmiri<br>Migrants/Non-Migrants |
|---|-------|-----------------------------|---|
| General Awareness (GA)                          | 30    | 4.5                         | 3   |
| Reading Comprehension (RC) &<br>Verbal Ability  | 105   | 11                          | 6   |
| Data Interpretation (DI) & Logical<br>Reasoning | 90    | 14                          | 10  |
| Quantitative Aptitude (QA)                      | 75    | 8                           | 5   |

## Few Colleges accepting IIFT scores

- Indian Institute of Foreign Trade (IIFT) - Delhi
- Indian Institute of Foreign Trade (IIFT) - Kolkata
- Indian Institute of Foreign Trade (IIFT) - Kakinada
- IPS Business School - Jaipur
- IFIM Business School - Bangalore
- Delhi School of Professional Studies and Research (DSPSR)
- CII School of Logistics - Amity University

# BYJU'S Exam Prep Teaching Methodology

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BYJU'S Exam Prep CAT program follows the **START** methodology. **START** stands for **STudy, Apply, Revise & Test**. At BYJU'S Exam Prep you get ample study material to ace CAT & other MBA Entrance Exams with ease.

- **STudying** the basic concepts and fundamentals of the CAT syllabus. Candidates should focus on getting their concepts clear or on point.
- **Apply** the concepts and fundamentals while doing CAT questions. Practice with exercise and by solving previous year question papers
- **Revise** important concepts & formulas. Take practice tests and topic tests to sharpen your weak areas
- **Test** yourself through full length mocks and judge the level of difficulty. Mock Tests gives candidates a fair idea about where they stand vis-a-via their peers



## How does our program benefit you?

BYJU'S Exam Prep program helps you at every stage of your MBA preparation. While preparing for CAT or other entrance exams, you will get LIVE and recorded lectures by the top faculties that will show you never-seen-before tips and tricks to maximize your scores. Learn from them the art of getting a 99%ile.

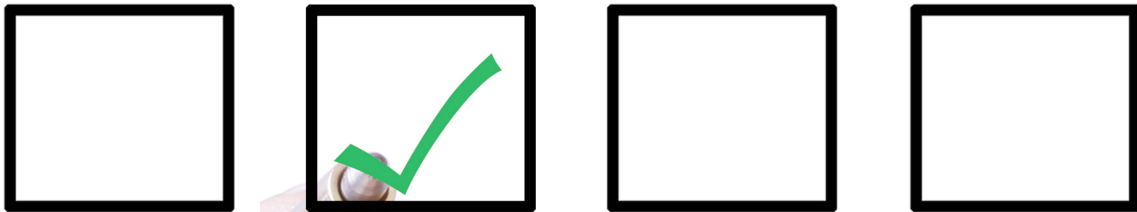
- CAT Learning Tablet: 300+ Engaging Videos (130+ hrs) on the BYJU'S Exam Prep CAT Tablet
- Live Classroom Sessions: 135+ LIVE sessions (200+ hrs) by IIM Alumni and serial 99 percentilers
- Mock Tests & Practice Tests: 70+ Mocks covering all Indian MBA entrances with video solutions & attempts. 9500+ questions in topic tests, 25 and 15 sectional tests for CAT & Non-CAT exams
- Recorded Lectures: 300+ Engaging Videos covering concepts to build a strong foundation
- GDPI + WAT: Personalized Mentorship with IIM Alumni for those with calls from top 15 B-Schools
- Study Notes & CAT Question Papers: 5+ years PYQs with solutions for CAT, XAT, and IIFT along with ample notes & PDFs to refer for CAT & other MBA entrance exams



# Previous Year QUESTIONS For Practice

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Questions from CAT 2021 (Slot 2) Paper



1. Raj invested ₹ 10000 in a fund. At the end of first year, he incurred a loss but his balance was more than ₹ 5000. This balance, when invested for another year, grew and the percentage of growth in the second year was five times the percentage of loss in the first year. If the gain of Raj from the initial investment over the two year period is 35%, then the percentage of loss in the first year is

A. 10  
B. 70  
C. 5  
D. 15
2. The number of ways of distributing 15 identical balloons, 6 identical pencils and 3 identical erasers among 3 children, such that each child gets at least four balloons and one pencil, is

(TITA Question)
3. Anil, Bobby and Chintu jointly invest in a business and agree to share the overall profit in proportion to their investments. Anil's share of investment is 70%. His share of profit decreases by ₹ 420 if the overall profit goes down from 18% to 15%. Chintu's share of profit increases by ₹ 80 if the overall profit goes up from 15% to 17%. The amount, in INR, invested by Bobby is

A. 2000  
B. 2400  
C. 3200  
D. 1800
4. From a container filled with milk, 9 litres of milk are drawn and replaced with water. Next, from the same container, 9 litres are drawn and again replaced with water. If the volumes of milk and water in the container are now in the ratio of 16 : 9, then the capacity of the container, in litres, is

(TITA Question)

5. Two pipes A and B are attached to an empty water tank. Pipe A fills the tank while pipe B drains it. If pipe A is opened at 2 pm and pipe B is opened at 3 pm, then the tank becomes full at 10 pm. Instead, if pipe A is opened at 2 pm and pipe B is opened at 4 pm, then the tank becomes full at 6 pm. If pipe B is not opened at all, then the time, in minutes, taken to fill the tank is
- A. 264  
B. 120  
C. 140  
D. 144
6. Two trains A and B were moving in opposite directions, their speeds being in the ratio 5 : 3. The front end of A crossed the rear end of B 46 seconds after the front ends of the trains had crossed each other. It took another 69 seconds for the rear ends of the trains to cross each other. The ratio of length of train A to that of train B is
- A. 5:3  
B. 2:3  
C. 2:1  
D. 3:2
7. Anil can paint a house in 60 days while Bimal can paint it in 84 days. Anil starts painting and after 10 days, Bimal and Charu join him. Together, they complete the painting in 14 more days. If they are paid a total of ₹ 21000 for the job, then the share of Charu, in INR, proportionate to the work done by him, is
- A. 9150  
B. 9100  
C. 9200  
D. 9000
8. In a football tournament, a player has played a certain number of matches and 10 more matches are to be played. If he scores a total of one goal over the next 10 matches, his overall average will be 0.15 goals per match. On the other hand, if he scores a total of two goals over the next 10 matches, his overall average will be 0.2 goals per match. The number of matches he has played is
- (TITA Question)

9. Let D and E be points on sides AB and AC, respectively, of a triangle ABC, such that  $AD : BD = 2 : 1$  and  $AE : CE = 2 : 3$ . If the area of the triangle ADE is 8 sq cm, then the area of the triangle ABC, in sq cm, is

(TITA Question)

10. A person buys tea of three different qualities at ₹ 800, ₹ 500, and ₹ 300 per kg, respectively, and the amounts bought are in the proportion 2 : 3 : 5. She mixes all the tea and sells one-sixth of the mixture at ₹ 700 per kg. The price, in INR per kg, at which she should sell the remaining tea, to make an overall profit of 50%, is

- A. 692  
B. 675  
C. 688  
D. 653

**Answer Key**

- (1) 10      (2) 1000      (3) 2000      (4) 45  
(5) 144      (6) 3:2      (7) 9100      (8) 10  
(9) 30      (10) 688

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