

CAREERS 360

PREPARATION **Series**

How to Prepare

_____ for _____

MET 2025?



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A Note to students

Dear Students,

Congratulations on taking the first step toward your engineering or medical dream by preparing for the **Manipal Entrance Test (MET) 2025**. This eBook is designed to be your ultimate guide, providing insights into the syllabus, preparation strategies, and tips to excel in the exam.

Remember, success in MET requires a balance of conceptual clarity, regular practice, and effective time management. Stay consistent with your efforts, focus on understanding the basics, and don't forget to revise frequently. Utilize the resources and mock tests provided in this eBook to simulate the real exam experience and identify areas for improvement.

Stay confident, stay motivated, and believe in your hard work. The journey may be challenging, but the reward is worth it. We wish you all the best for MET 2025 and beyond!

Warm regards,

Career360

Introduction to MET

(Manipal Entrance Test)

The Manipal Entrance Test (MET) is a highly competitive, national-level examination conducted by the Manipal Academy of Higher Education (MAHE) for admissions to its undergraduate and postgraduate programs, particularly in engineering, pharmacy, and other allied disciplines. Recognized for its academic excellence and innovative teaching methods, MAHE is one of India's leading private universities, with campuses in Manipal, Jaipur, and Dubai.

MET serves as a gateway for students aspiring to pursue quality education in a globally acclaimed institution known for its cutting-edge infrastructure, research opportunities, and strong placement records. The test is designed to assess students' conceptual understanding, problem-solving abilities, and aptitude in their chosen fields of study.

Key Features of MET:

- **Wide Range of Programs:** MET primarily offers admission to programs such as B.Tech, B.Pharm, Pharm.D, and others, making it a versatile exam for multiple disciplines.
- **Adaptive Test Pattern:** Conducted in an online mode (CBT), the exam uses an adaptive question pattern to evaluate the true potential of the candidates.
- **Global Reputation:** MAHE consistently ranks among the top private universities in India, making MET a sought-after exam for students nationwide.
- **Scholarship Opportunities:** High-ranking MET performers are eligible for merit-based scholarships that significantly reduce the financial burden of tuition.

Eligibility for MET

- Candidates must have completed or be appearing for Class 12/equivalent exams with relevant subjects (e.g., Physics, Chemistry, and Mathematics for engineering aspirants).
- Minimum aggregate percentages vary depending on the program.
- There is no age limit, making it accessible to a diverse group of candidates.

Why Choose MET?

1. **Top-Tier University:** Admission to MAHE ensures access to globally benchmarked education, innovative research opportunities, and international exposure.

2. **State-of-the-Art Facilities:** MAHE's campuses are equipped with world-class infrastructure and facilities for practical learning.
3. **Strong Placement Records:** MAHE consistently records excellent placement outcomes with leading recruiters like Google, Microsoft, and Tata Consultancy Services.
4. **Diverse Academic Environment:** The university promotes a multicultural and inclusive academic atmosphere, preparing students for global challenges.

Importance of MET in a Student's Journey

MET not only tests academic knowledge but also prepares students for future academic and professional challenges. With its adaptive testing model and focus on core concepts, MET serves as a foundation for a student's growth in higher education.

By cracking MET, students secure a place in one of India's most prestigious institutions, setting the stage for a promising career and endless opportunities.

This introduction aims to help students understand the significance of MET, encouraging them to approach their preparation with determination and clarity.

Exam Pattern of MET 2025

MET 2025 will be a computer-based test (CBT) assessing your skills in **Physics, Chemistry, and Mathematics**. The test is designed to evaluate your understanding of the basic principles, as well as your problem-solving abilities.

Section	Number of Questions	Total Marks	Question Type	Subjects Covered
Physics	50	50	Multiple Choice/ Integer Type	Mechanics, Heat, Thermodynamics, Waves, etc.
Chemistry	50	50	Multiple Choice/ Integer Type	Organic, Inorganic, Physical Chemistry
Mathematics	50	50	Multiple Choice/ Integer Type	Algebra, Calculus, Trigonometry, etc.
Total	150	150	Multiple Choice/ Integer Type	Physics, Chemistry, Mathema

Key Details:

- **Total Questions:** 150 questions in total (50 per subject)
- **Total Marks:** 150 marks (50 marks for each subject)
- **Time Duration:** 2 hours for each section (6 hours total)
- **Marking Scheme:**
 - Correct Answer: +1 mark
 - Incorrect Answer: No negative marking
- **Mode of Exam:** Computer-Based Test (CBT)

Syllabus for MET 2025

The syllabus for MET 2025 includes topics from three major subjects: Physics, Chemistry, and Mathematics. Here's a breakdown:

Subject	Key Topics
Physics	Units & Measurements, Kinematics, Newton's Laws of Motion, Work, Energy & Power, Rotational Motion, Heat & Thermodynamics, Electrostatics, Magnetism, Electromagnetic Induction, Optics, Modern Physics, Waves, Semiconductor Devices
Chemistry	Atomic Structure, Chemical Bonding, States of Matter, Thermodynamics, Chemical Kinetics, Organic Chemistry (Hydrocarbons, Alcohols, Aldehydes, Amines), Inorganic Chemistry (Periodic Table, d/f-block elements, Coordination Compounds), Biomolecules, Polymers
Mathematics	Algebra (Complex Numbers, Binomial Theorem, Permutations & Combinations, Matrices & Determinants), Calculus (Differentiation, Integration, Differential Equations), Vectors, Coordinate Geometry, Trigonometry, Probability, Statistics, 3D Geometry

Study Strategy for MET 2025

1. Understand the Exam Pattern

Before starting your preparation, familiarize yourself with the MET exam pattern. This helps you strategize your study plan and approach each section with confidence.

2. Plan Your Time Efficiently

- **Create a Daily Routine:** Set aside time for each subject and stick to it.
- **Prioritize Topics:** Focus more time on difficult subjects or topics you find challenging.
- **Use Time Blocks:** Work in focused blocks of time (e.g., 45-60 minutes of studying followed by a 10-15 minute break).

3. Build Strong Concepts

- **Start with Fundamentals:** Master basic concepts before moving to more advanced topics. Refer to NCERT textbooks for foundational concepts.
- **Focus on Key Areas:** Don't just read passively; engage with the content by solving problems and explaining concepts to yourself or others.

4. Practice Regularly

- **Solve Previous Year Papers:** Review past MET papers to understand the difficulty and question pattern.
- **Practice Mock Tests:** Regular mock tests will help you with time management, improve accuracy, and boost your confidence.
- **Online Resources:** Utilize videos, tutorials, and online platforms to better understand complex concepts.

5. Revise Smartly

- **Create Quick Notes:** Prepare concise notes on formulas, theories, and methods for easy revision closer to the exam.
- **Revise Weekly:** Schedule weekly revision sessions to keep the content fresh in your mind.
- **Track Progress:** After every mock test, review mistakes and focus on areas of improvement.

Weekly Study Plan for MET Preparation

Here's a well-structured 6-week study plan to help you prepare for the Manipal Entrance Test (MET) efficiently. This plan is designed to ensure comprehensive coverage of the syllabus, regular practice, and effective revision.

Week 1: Foundation Building

1. Day 1-3:

- Physics: Study **Kinematics** and **Laws of Motion**.
- Chemistry: Revise **Atomic Structure** and **Mole Concept**.
- Mathematics: Cover **Sets and Relations** and **Functions**.
- English: Practice comprehension passages and vocabulary.

2. Day 4-6:

- Physics: Focus on **Work, Energy, and Power**.
- Chemistry: Study **Periodic Table Trends** and **Chemical Bonding**.
- Mathematics: Start **Algebra (Quadratic Equations)** and practice solving equations.
- General Aptitude: Solve puzzles and logical reasoning questions.

3. Day 7:

- Revise all topics studied during the week.
- Solve 30-40 practice questions from each subject.
- Take a short sectional quiz.

Week 2: Progression

1. Day 1-3:

- Physics: Study **Thermodynamics** and **Kinetic Theory of Gases**.
- Chemistry: Cover **States of Matter** and **Thermodynamics in Chemistry**.
- Mathematics: Practice **Coordinate Geometry** and **Straight Lines**.
- English: Work on sentence correction and grammar.

2. Day 4-6:

- Physics: Start **Oscillations** and **Waves**.
- Chemistry: Study **Redox Reactions** and **Equilibrium**.
- Mathematics: Focus on **Trigonometry (Functions and Identities)**.
- General Aptitude: Solve data interpretation and basic probability questions.

3. Day 7:

- Take a full-length mock test for the topics covered so far.
- Review incorrect answers and revise weak areas.

Week 3: Application

1. Day 1-3:

- Physics: Cover **Electrostatics** and **Current Electricity**.
- Chemistry: Study **Organic Chemistry Basics** and **Hydrocarbons**.
- Mathematics: Focus on **Differentiation** and start practicing problems.
- English: Practice advanced-level comprehension and critical reasoning.

2. Day 4-6:

- Physics: Study **Magnetism** and **Moving Charges**.
- Chemistry: Focus on **Chemical Kinetics** and **Surface Chemistry**.
- Mathematics: Start **Integration** and practice related problems.
- General Aptitude: Work on puzzles and logical reasoning.

3. Day 7:

- Solve MET-specific previous year questions from all subjects.
- Take a sectional quiz for Mathematics and Chemistry.

Week 4: Strengthening Core Concepts

1. Day 1-3:

- Physics: Study **Optics** and **Wave Optics**.
- Chemistry: Cover **Electrochemistry** and **Solutions**.
- Mathematics: Focus on **Vectors** and **3D Geometry**.
- English: Work on vocabulary building and grammar exercises.

2. Day 4-6:

- Physics: Study **Modern Physics** (Atoms and Nuclei).
- Chemistry: Revise key reactions in **Organic Chemistry**.
- Mathematics: Practice problems in **Probability and Statistics**.
- General Aptitude: Solve mixed reasoning and aptitude problems.

3. Day 7:

- Take a mock test with time limits for all sections.
- Analyze performance and identify weak areas.

Week 5: Intensive Practice

1. Day 1-3:

- Physics: Solve high-difficulty questions from all topics.
- Chemistry: Practice reaction mechanisms and numerical problems.
- Mathematics: Focus on solving past years' MET papers.
- English: Attempt timed comprehension passages.

2. Day 4-6:

- Revise formulas, equations, and key concepts from all subjects.
- Solve mock tests with increasing difficulty.
- Work on speed and accuracy for aptitude questions.

3. Day 7:

- Attempt a full-length MET mock test in exam-like conditions.
- Review answers and revise weak areas.

Week 6: Final Revision**1. Day 1-3:**

- Physics: Revise key topics like **Electrostatics, Thermodynamics, and Optics**.
- Chemistry: Focus on revising **Physical Chemistry** formulas and Organic reactions.
- Mathematics: Review important theorems and problem-solving techniques.
- General Aptitude: Practice previous aptitude questions.

2. Day 4-6:

- Attempt subject-wise mock tests.
- Revise short notes, key points, and flashcards.
- Practice solving questions under timed conditions.

3. Day 7:

- Take one final full-length mock test.
- Relax, stay confident, and prepare mentally for the exam day.

General Tips for Every Week

- Spend at least **3-4 hours daily** on focused preparation.
- Allocate 30-45 minutes daily for revising previously studied topics.
- Practice at least 20-30 questions from each subject daily.
- Ensure you are maintaining a balance between study and relaxation to avoid burnout.

By following this plan, you will be well-prepared to tackle the MET exam confidently and maximize your chances of success.

Final Tips for MET 2025

- **Stay Consistent:** Make studying a daily habit. Set aside specific hours for studying and stick to the routine.
- **Stay Healthy:** Don't neglect your physical and mental well-being. Get regular exercise, eat healthy food, and ensure you sleep well.
- **Avoid Stress:** Take breaks to clear your mind. Staying calm and composed will help you retain information better.
- **Confidence is Key:** Believe in your preparation. The more confident you are, the better you'll perform.

Other Useful Resources for MET 2025 Syllabus Preparation

Are you preparing for the MET 2025 exam and aiming to secure admission to your desired course? The MET exam is highly competitive, but with the right strategy, resources, and dedication, you can achieve success. To support your preparation, we've compiled a collection of essential resources designed to help you excel in the MET exam. Let's dive into these valuable tools!

MET 2025 Latest Syllabus

Stay up-to-date with the official MET 2025 syllabus, covering detailed topics across Physics, Chemistry, Mathematics, and English. This resource ensures you don't miss out on any key topics and helps you prepare thoroughly for the exam.

[Download Now](#) ↓

MET 2025 Sample Paper

It assesses students' knowledge in Physics, Chemistry, Mathematics/Biology, English, and General Aptitude, based on Class 11 and 12 syllabi.

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ALL THE BEST FOR EXAM!