

43 JEE Main Mathematics Online 2024 Offline 2024 2002 Chapter Wise Topic Wise

JEE Main is one of the most competitive engineering entrance exams in India. Every year, lakhs of students appear for this exam in order to get admission into the prestigious IITs, NITs, and other top engineering colleges in the country.

Mathematics is one of the most important subjects in JEE Main. It carries a weightage of 30% in the exam. Therefore, it is important for students to have a strong foundation in this subject in order to score well in JEE Main.



43 JEE Main Mathematics Online (2019-2024) & Offline (2018-2002) Chapter-wise + Topic-wise Solved Papers

3rd Edition by Disha Experts

★★★★☆ 4.1 out of 5

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The JEE Main mathematics syllabus is vast and covers a wide range of topics. In order to help students prepare for the exam in a systematic manner, we have compiled a list of all the chapters and topics covered in the syllabus.

Chapter Wise Topic Wise JEE Main Mathematics Syllabus

Chapter	Topics
Algebra	Sets, Relations and Functions, Complex Numbers, Quadratic Equations, Permutations and Combinations, Binomial Theorem, Sequences and Series, Matrices and Determinants
Calculus	Limits, Continuity and Differentiability, Applications of Derivatives, Integrals, Applications of Integrals, Differential Equations
Coordinate Geometry	Straight Lines, Circles, Conics, Three Dimensional Geometry
Vector Algebra	Vectors, Scalar and Vector Product, Line and Plane Equation
Statistics and Probability	Measures of Central Tendency, Measures of Dispersion, Probability, Binomial Distribution, Normal Distribution

Preparation Tips for JEE Main Mathematics

Here are some tips to help you prepare for JEE Main mathematics:

- Start your preparation early. The JEE Main syllabus is vast, so it is important to start your preparation as early as possible.
- Understand the concepts thoroughly. Don't just memorize the formulas and theorems. Try to understand the concepts behind them.
- Practice regularly. The best way to prepare for JEE Main mathematics is to practice regularly. Solve as many problems as you can.
- Take mock tests. Mock tests are a great way to assess your preparation level and identify your weak areas.

- Stay positive and motivated. Preparing for JEE Main can be challenging, but it is important to stay positive and motivated throughout the process.

Recommended Books for JEE Main Mathematics

Here are some of the recommended books for JEE Main mathematics:

- IIT Mathematics by M.L. Khanna
- Objective Mathematics for JEE Main by R.D. Sharma
- Plane Trigonometry by S.L. Loney
- Coordinate Geometry by S.L. Loney
- Calculus by Thomas and Finney

JEE Main mathematics is a challenging subject, but it is also an important one. By following the tips above, you can improve your chances of scoring well in this section of the exam.



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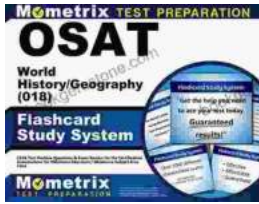
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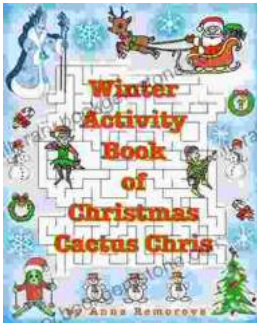
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