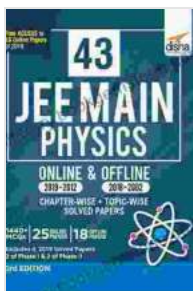


43 JEE Main Physics Online 2024 | Offline 2024 | 2002 - Chapter Wise | Topic Wise

The JEE Main Physics syllabus is divided into three sections:

- **Section A:** This section consists of 20 questions, each carrying 4 marks. The questions in this section are based on the following topics:
 - Units and Dimensions
 - Motion in a Straight Line
 - Motion in a Plane
 - Laws of Motion
 - Work, Energy and Power
 - Rotational Motion
 - Gravitation
 - Simple Harmonic Motion
 - Waves
 - Ray Optics
 - Wave Optics
 - Heat and Thermodynamics
 - Electrostatics
 - Current Electricity
 - Magnetic Effects of Current

- Electromagnetic Induction
 - Alternating Current
 - Modern Physics
- **Section B:** This section consists of 10 questions, each carrying 4 marks. The questions in this section are based on the same topics as Section A, but are more difficult.
 - **Section C:** This section consists of 10 questions, each carrying 4 marks. The questions in this section are based on the following topics:



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

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- Mathematical Reasoning
- Statistics
- Probability

The JEE Main Physics exam is a computer-based test (CBT). The exam is divided into two parts:

- **Part 1:** This part consists of 30 questions, each carrying 4 marks. The questions in this part are based on the topics listed in Section A of the

syllabus.

- **Part 2:** This part consists of 20 questions, each carrying 4 marks. The questions in this part are based on the topics listed in Section B and Section C of the syllabus.

The total time duration of the JEE Main Physics exam is 3 hours.

The following table shows the chapter-wise weightage of topics in the JEE Main Physics exam:

Chapter	Weightage	Units and Dimensions	5-7%	Motion in a Straight Line	10-12%	Motion in a Plane	8-10%	Laws of Motion	10-12%	Work, Energy and Power	10-12%	Rotational Motion	8-10%	Gravitation	6-8%	Simple Harmonic Motion	6-8%	Waves	8-10%	Ray Optics	10-12%	Wave Optics	8-10%	Heat and Thermodynamics	10-12%	Electrostatics	12-14%	Current Electricity	10-12%	Magnetic Effects of Current	8-10%	Electromagnetic Induction	8-10%	Alternating Current	6-8%	Modern Physics	6-8%	Mathematical Reasoning	5-7%	Statistics	3-5%	Probability	3-5%
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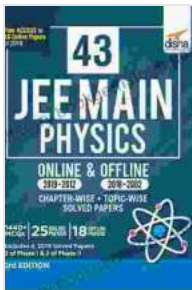
The following are the links to the previous year's JEE Main Physics question papers:

- [JEE Main Physics 2023 Question Paper](#)
- [JEE Main Physics 2022 Question Paper](#)
- [JEE Main Physics 2021 Question Paper](#)
- [JEE Main Physics 2020 Question Paper](#)

- [JEE Main Physics 2019 Question Paper](#)

The following are some tips on how to prepare for the JEE Main Physics exam:

- Start your preparation early.
- Understand the concepts thoroughly.
- Solve as many practice problems as possible.
- Take mock tests to assess your preparation.
- Stay updated with the latest exam pattern and syllabus.



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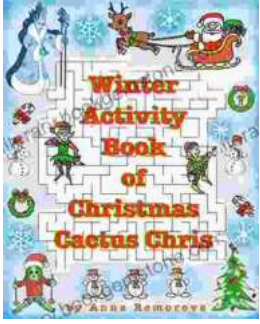
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