

IIT JEE Papers Collection of Physics Papers Since 1978: The Ultimate Preparation Guide for Aspiring Engineers

Are you an ambitious student aspiring to excel in the highly competitive IIT JEE exam, particularly in the challenging subject of Physics? Look no further than the invaluable "IIT JEE Papers Collection of Physics Papers Since 1978"!



IIT JEE Papers: Collection of Physics Papers Since 1978 by Jitender Singh

★★★★☆ 4.4 out of 5

Language : English

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Screen Reader: Supported

Print length : 1079 pages

Lending : Enabled



Unlock a Wealth of Past Papers, Your Path to Success

This meticulously compiled book presents a comprehensive collection of all Physics papers that have graced the IIT JEE exam since its inception in 1978. With this treasure trove of knowledge at your disposal, you gain unprecedented access to:

- **Unveiling Past Exam Patterns:** Analyze question formats, difficulty levels, and recurring concepts, giving you an intimate understanding of the exam's dynamics.

- **Identifying High-Yield Topics:** Pinpoint frequently tested concepts and areas, allowing you to focus your preparation efforts wisely.
- **Mastering Problem-Solving Techniques:** Study diverse problem-solving approaches employed by past toppers, enhancing your analytical and critical thinking skills.
- **Gaining an Unfair Advantage:** Practice with authentic Physics papers, honing your time management, accuracy, and confidence under exam conditions.

Empowering Aspiring Engineers with Unrivaled Resources

Beyond its comprehensive collection of Physics papers, this essential guide offers additional resources to fuel your preparation:

- **Expertly Crafted Solutions:** Each paper is meticulously answered by a team of experienced IIT JEE Physics experts, providing step-by-step guidance and detailed explanations.
- **Chapter-Wise Organization:** Navigate topics effortlessly with the book's intuitive chapter-wise organization, mirroring the IIT JEE syllabus.
- **Mock Tests and Practice Papers:** Test your understanding and fine-tune your preparation with numerous mock tests and practice papers, designed to simulate the actual exam experience.
- **Time-Saving Tips and Strategies:** Discover invaluable tips and strategies from past toppers, enabling you to optimize your study time and maximize your score.

Ignite Your IIT JEE Physics Excellence

"IIT JEE Papers Collection of Physics Papers Since 1978" is more than just a book; it's an investment in your academic future. By harnessing the wisdom of past papers and the guidance of expert solutions, you can:

- **Boost Your Confidence:** Conquer exam anxiety by familiarizing yourself with the exam format and question types, building unshakeable confidence.
- **Improve Your Accuracy:** Sharpen your problem-solving skills and eliminate careless mistakes, ensuring maximum marks on exam day.
- **Maximize Your Potential:** Identify your strengths and weaknesses, allowing you to allocate your preparation time strategically and achieve your full potential.
- **Secure Your Dream Rank:** With a thorough understanding of the exam and the ability to tackle any Physics challenge, you can secure a top rank in the IIT JEE, opening doors to prestigious engineering institutions.

Join the Ranks of IIT JEE Success Stories

Don't settle for ordinary preparation methods. Embrace the power of "IIT JEE Papers Collection of Physics Papers Since 1978" and join the ranks of countless aspiring engineers who have achieved their IIT JEE dreams. Free Download your copy today and unlock the gateway to success!

IIT-JEE-2010

PAPER I

CODE **3**

Time: 3 Hours

Please read the instructions carefully. You are allotted 5 minutes specifically for this purpose.

INSTRUCTIONS

A. General:

1. This Question Paper contains 32 pages having 84 questions.
2. The question paper CODE is printed on the right hand top corner of this sheet and also on the back page (page no. 32) of this booklet.
3. No additional sheets will be provided for rough work.
4. Blank papers, clipboards, log tables, slide rules, calculators, cell/flash phones, papers and electronic gadgets in any form are not allowed.
5. The answer sheet, a machine-gradable Objective Response Sheet (ORS), is provided separately.
6. Do not tamper / mutilate the ORS or this booklet.
7. Do not break the seals of the question paper/booklet before instructed to do so by the invigilator.

B. Filling the bottom-half of the ORS:

8. The ORS has CODE printed on its lower and upper Parts.
9. Make sure the CODE on the ORS is the same as that on this booklet. If the Codes do not match, ask for a change of the Booklet.
10. Write your Registration No., Name and Name of centre and sign with pen in appropriate boxes. Do not write this anywhere else.
11. Darken the appropriate bubbles below your registration number with HB Pencil.

C. Question paper format and Marking scheme:

12. The question paper consists of 3 parts (Chemistry, Mathematics and Physics). Each part consists of four Sections.
13. For each question in Section I, you will be awarded 3 marks if you darken only the bubble corresponding to the correct answer and zero mark if no bubbles are darkened. In all other cases, minus one (-1) mark will be awarded.
14. For each question in Section II, you will be awarded 3 marks if you darken only the bubble corresponding to the correct answer and zero mark if no bubbles are darkened. Partial marks will be awarded for partially correct answers. No negative marks will be awarded in this Section.
15. For each question in Section III, you will be awarded 3 marks if you darken only the bubble corresponding to the correct answer and zero mark if no bubbles are darkened. In all other cases, minus one (-1) mark will be awarded.
16. For each question in Section IV, you will be awarded 3 marks if you darken the bubble corresponding to the correct answer and zero mark if no bubble is darkened. No negative marks will be awarded for in this Section.

Write your name, registration number and sign in the space provided on the back page of this booklet.

IIT-JEE2010-Paper I (MPC)

Useful Data

Atomic Numbers:	Be 4; C 6; N 7; O 8; Al 13; Si 14; Cr 24; Fe 26; Zn 30; Br 35;		
1 mm =	1.66×10^{-27} kg	R =	$0.082 \text{ L-atm K}^{-1} \text{ mol}^{-1}$
h =	6.626×10^{-34} J s	N_A =	6.022×10^{23}
m_e =	9.1×10^{-31} kg	e =	1.6×10^{-19} C
c =	3.0×10^8 m s ⁻¹	F =	96500 C mol ⁻¹
R_U =	2.18×10^{-18} J	k_B =	1.11×10^{-23} J ⁻¹ C ⁻¹ m ³



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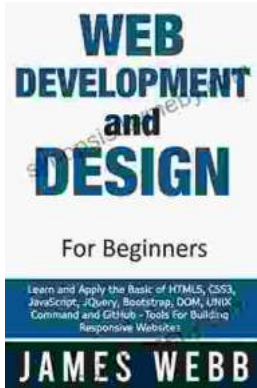
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