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Problems In Physics Mechanics JEE Main and Advanced **Kinematics Master Resource Book in Physics for JEE Main 2022** Problems in Physics Volume-1 **Understanding Physics for JEE Main and Advanced Mechanics Part 1** Understanding Physics for JEE Main and Advanced Mechanics Part 1 **Master Resource Book in Physics for JEE Main 2021 IIT-JEE Main and Advanced Physics Mastering Physics for IIT-JEE Volume - I** The Pearson Guide To Objective Physics For The Iit-Jee 2011 The Pearson Guide To Objective Physics For The Iit-Jee, 2/E Understanding Physics for JEE Main and Advanced Mechanics Part 1 2020 **Physics For NEET & JEE Volume 1** JEE Main Entrance Exam 2022 | 15 Full-length Mock Tests (1100+ Solved MCQs & Numerical Based Questions) Oswaal Topper's Handbook + JEE Main Mock Test 15 Sample Papers (Set of 4 Books) Physics Chemistry Maths (For 2023 Exam) Oswaal Handbook Physics Classes 11 & 12 All Leading Competitive Exams (New & Updated) **Foundation Course in Physics with Case Study Approach for JEE/ NEET/ Olympiad Class 9 - 5th Edition** Plances Rank Accelerator Physics for IIT-JEE (Jee Main & Advanced) **Oswaal Physics Topper's Handbook + JEE Main 15 Mock Test Sample Papers (Set of 2 Books) (For 2023 Exam)** Oswaal Physics Topper's Handbook + JEE Main Solved Papers (2019 - 2022 All Shifts 32 Papers) (Set of 2 Books) (For 2023 Exam) **Mechanics I for JEE Advanced, 3E (Free Sample) (Free Sample)** Objective NCERT Xtract Physics for NTA NEET & JEE Main 6th Edition The Pearson Guide to Objective Physics for the IIT-JEE 2012: (All India Engineering Entrance Examination) **New Pattern JEE Problems Physics for JEE Main & Advanced** 40 Days Crash Course for JEE Main Physics Physics Capsule (JEE MAIN/NEET) **Complete Foundation Guide For IIT Jee Physics For Class Ix** JEE Main Mechanics 7 Days Crash Course **New Pattern NTA JEE Main Quick Guide in Physics with Numeric Answer Questions 3rd Edition** NTA JEE Main 40 Days Crash Course in Physics with 32 Online Test Series 2nd Edition IIT JEE Physics S. Chand's Objective Physics For IIT-JEE, AIEEE, AIIMS, AIPMT Vol 05: Motion in 2 D: Adaptive Problems Book in Physics (with Detailed Solutions) for College & High School **Physics Class-11th JEE NEET English-Medium Complete Physics for JEE-Main | JEE-(Main & Advanced) Medium-English** Physics for JEE (Main & Advanced) Volume 1 (Class XI) by Career Point, Kota **Mechanics (Physics) Previous Solved Papers (All India NEET/JEE (Main) 53 Previous Years IIT-JEE Main and Advanced Chapter-Wise Solved Papers 1970-2022 Physics JEE Main 2020 Chapter Wise Numerical Response Questions with Solution for Physics By Career Point Kota** **43 Years JEE Advanced (1978 - 2020) + JEE Main Chapterwise & Topicwise Solved Papers Physics 16th Edition**

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JEE MAIN/NEET Physics Capsule Useful For: NDA, CSIR-NET, Engineering & Medical Entrance Exams, AAIATC, Asst.Prof./ Lecturer/TGT/ PGT/GIC/ LT/ GDC, NVS/KVS/UPPSC/UKPSC/UKSSSC/RPSC/DSSSB/CUET & Other Competitive Examinations. 1. The 'Master Resource book' gives complete coverage of Physics 2. Questions are specially prepared for AIEEE & JEE main exams 3. The book is divided into 2 parts; consisting 31 chapters from JEE Mains 4. Each chapter is accessorized with 2 Level Exercises and Exam Questions 5. Includes highly useful JEE Main Solved papers Comprehensively covering all topics of JEE Main Syllabus, here's presenting the revised edition of "Master Resource Book for JEE Main Physics" that is comprised for a systematic mastery of a subject with paramount importance to a problem solving. Sequenced as per the syllabus of class 11th & 12th, this book has been divided into two parts accordingly. Each chapter is contains essential theoretical concepts along with sufficient number of solved paper examples and problems for practice. To get the insight of the difficulty level of the paper, every chapter is provided with previous years' question of AIEEE & JEE. Single Correct Answer Types and Numerical Value Questions cover all types of questions. TOC PART I, Units and Measurements, Vector Analysis, Kinematics I (Motion in 1-0), Kinematics II (Projectile Motion), Circular Motion, Laws of Motion and Friction, Work, Energy and Power, Centre of Mass, Rotational Motion, Gravitation, Properties of Solids, Properties of Fluids, Thermometry, Calorimetry and Heat Transfer, Kinetic Theory of Gases, Thermodynamics, Oscillations, Waves, PART II, Electrostatics, Current Electricity, Magnetic Effects of Current, Magnetostatics, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments, Wave Optics, Dual Nature of Radiation and Matter, Electronic Devices, Atoms and Nuclei, Communication System, Experimental Physics. Complete Physics (Class-11th & 12th) for JEE-Main | JEE-(Main & Advanced) Medium-English • Best Selling Book in English Edition for JEE Main Entrance Exam with objective-type questions as per the latest syllabus given by the National Testing Agency. • Compare your performance with other students using Smart Answer Sheets in EduGorilla's JEE Main Entrance Exam Practice Kit. • JEE Main Entrance Exam Preparation Kit comes with 15 Full-length Mock Tests with the best quality content. • Increase your chances of selection by 14X. • JEE Main Entrance Exam Prep Kit comes with well-structured and 100% detailed solutions for all the questions. • Clear exam with good grades using thoroughly Researched Content by experts. This book contains an Access Code in the starting pages to access the 32 Online Tests. NTA JEE Main 40 Days Crash Course in Physics is the thoroughly revised, updated & redesigned study material developed for quick revision and practice of the complete syllabus of the JEE Main exams in a short span of 40 days. The book can prove to the ideal material for class 12 students as they can utilise this book to revise their preparation immediately after the board exams. The book contains 27 chapters of class 11 & 12 and each Chapter contains: # JEE Main 5 Years at a Glance i.e., Past 5 years QUESTIONS of JEE Main (2018-2014) both Online & Offline with TOPIC-WISE Analysis. # Detailed Mind-Maps covers entire JEE Syllabus for speedy revision. # IMPORTANT/ CRITICAL Points of the Chapter for last minute revision. # TIPS to PROBLEM SOLVING – to help students to solve Problems in shortest possible time. # Exercise 1 CONCEPT BUILDER- A Collection of Important Topic-wise MCQs to Build Your Concepts. # Exercise 2 CONCEPT APPLICATOR – A Collection of Quality MCQs that helps sharpens your concept application ability. # Answer Keys & Detailed Solutions of all the Exercises and Past years problems are provided at the end of the chapter. # ONLINE CHAPTER TEST – A Test of 15 Questions for each chapter to check your command over the chapter. # 3 ONLINE MOCK TESTS - To get familiar with exam pattern and complete analysis of your Performance. Whenever a student decides to prepare for any examination, her/his first and foremost curiosity is about the type of questions that he/she has to face. We feel great pleasure to present this book before you. We have made an attempt to provide Chapter wise Numerical Response Questions for JEE Main as per NTA latest pattern with answer and solutions to majority of questions. Solutions to the questions are not just sketch rather have been written in such a manner that the students will be able to understand the application of concept and can answer some other related questions too. We firmly believe that the book in this form will definitely help a genuine, hardworking student. We have tried our best to keep errors out of this book. Comment and criticism from readers will be highly appreciated and incorporated in the subsequent edition. We wish to utilize the opportunity to place on record our special thanks to all team members of Content Development for their efforts to make this wonderful book. Best Wishes Career Point Chapter-wise and Topic-wise presentation Latest JEE (Main) Two Question Paper 2022- Fully solved Chapter-wise & Topic-wise Previous Questions to enable quick revision Previous Years' (2019-2022) Exam Questions to facilitate focused study Mind Map: A single page snapshot of the entire chapter for longer retention Mnemonics to boost memory and confidence Oswaal QR Codes: Easy to scan QR codes for online concept based content Two SQPs based on the latest pattern Tips to crack JEE (Main) Trend Analysis: Chapter-wise This physics book is the product of more than fifteen years of teaching and innovation experience in physics for JEE (main & Advanced)/NEET aspirants. Our main goals in writing this book are- * to present the basic concepts and principles of physics that students need to know for JEE MAIN, ADVANCED/NEET and other related competitive exams.* to provide a balance of quantitative reasoning and conceptual understanding, with special attention to concepts that have been causing difficulties to student in understanding the concepts.* to develop students' problem-solving skills and confidence in a systematic manner.* to motivate students by integrating real-world examples that build upon their everyday experiences.What's New?Lots! Much is new and unseen before. Here are the big four:1. Every concept is given in student friendly language with various solved problems. The solution is provided with problem solving approach and discussion.2. Checkpoint questions have been added to applicable sections of the text to allow students to pause and test their understanding of the concept explored within the current section. The answers to the Checkpoints are given in answer keys, at the end of the chapter, so that students can confirm their knowledge without jumping too quickly to the provided answer.3. Special attention is given to graphical problems, motion under negative acceleration, juggling problems, relative velocity, projectile motion, condition for a projectile to retrace its path, radius of curvature at any point on the trajectory of projectile motion, projectile motion on

inclined plane and stairway, relative velocity, river boat/man problems, rain man problems, motion of many particles, with same speed, towards each other in a plane and motion of two particles, with different speed, towards each other in a plane, so that student can easily solve them with fun.4. To test the understanding level of students, multiple choice questions, conceptual questions, practice problems with previous years JEE Main and Advanced problems are provided at the end of the whole discussion. Number of dots indicates level of problem difficulty. Straightforward problems (basic level) are indicated by single dot (?), intermediate problems (JEE mains and NEET level) are indicated by double dots (??), whereas challenging problems (advanced level) are indicated by three dots (???). Answer keys with hints and solutions are provided at the end of the chapter. We have kept these goals in mind while developing the main theme of our physics book.

Description of the product: • Oswaal Topper's Handbooks Classes 11 & 12 • Tips to crack various entrance exams • Study Material for in-depth learning • Mind Maps for concept clarity • Real time videos for hybrid learning • Appendix for enhancement of knowledge • Revision Notes for quick revision • Commonly Made Errors to polish concepts The new edition of IIT-JEE (Main & Advanced) PHYSICS is designed to present a whole package of Physics study preparation, sufficing the requirements of the aspirants who are preparing for the upcoming exam.; Highlights of the Book; • Exam Pattern and Physics Syllabus for JEE Main and Advanced included • An Analysis of IIT JEE included • Chapter-wise Theory detailed with 1000+ examples • 5000+ Chapter-wise Multiple Choice Questions • 2500+ Chapter-wise Different Format Questions • Chapter-wise Assessment Test • Chapter-wise HOTS Problems • Experimental Skills from Class XI & XII Experiments • Relativistic Mechanics, Appendix Tables & Glossary • JEE-Main and Advanced Mock Test • NEET Mock Test • Answers to Questions included with Explanations • Presence of accurate Figures and Tables Physics is a combination of experimenting, observation and the analysis of phenomena with mathematical and computational tools. Thus this book serves to be a suitable Study Guide for the aspirants, with focus on Qualitative Preparation and Systematic understanding of the Syllabus and Examination Level. With provision for self-assessment in Mock Tests, this book stands beneficial in imprinting concepts in the mind. Contains large number of Solved Examples and Practice Questions. Answers, Hints and Solutions have been provided to boost up the morale and increase the confidence level. Self Assessment Sheets have been given at the end of each chapter to help the students to assess and evaluate their understanding of the concepts.

1. The book is prepared for the problem solving in Physics 2. It is divided into 13 chapters 3. Each chapter is divided into 3 levels of preparation 4. At the end of the each chapter cumulative exercises for JEE Main & Advanced for practice A common phrase among JEE Aspirants that chemistry is the most scoring subject, but the problems asked in JEE Exams are not directly related but they are based on multiple applications. Introducing the all new edition of "Problem Physical Physics JEE Main & Advanced Volume – 1" which is designed to develop the use of the concepts of chemistry in solving the diversified problems as asked in JEE. The book divides the syllabus into 8 chapters and each chapter has been topically divided in quick theory, different types of Solved Examination. At the end of each chapter there are 3 Levels; where Level 1 'Starter Level', Level 2 'JEE Main Level' and Level 3 'JEE Advanced Level' making a solid preparation. Detailed and explanatory solutions provided to all the questions for the better understanding. TOC Vectors, Calculus in Physics, Units & Dimensions, Significant Figures & Errors in Management, Rectilinear Motion, Projectile Motion, Relative Motion, Kinematics Calculus, Kinematics Graphs, Newton's Laws of Motion, Friction, Work Energy & Power, Circular Motion. As NTA introduces Numeric Answer Questions in JEE Main, Disha launches the Questions' the 3rd latest updated edition of 'New Pattern NTA JEE Main Quick Guide in Physics with Numeric Answer Questions'. This study material is developed for quick revision and practice of the complete syllabus of the JEE Main Exam in a short span of 40 days. The book can prove to be the ideal material for class 12 students as they can utilise this book to revise their preparation immediately after the board exams. The book contains 27 chapters of class 11 & 12 and each Chapter contains: # JEE Main 6 Years at a Glance i.e., JEE Main (2019 - 2014) with TOPIC-WISE Analysis. # Detailed Concept Maps covers entire JEE Syllabus for speedy revision. # IMPORTANT/ CRITICAL Points of the Chapter for last minute revision. # TIPS to PROBLEM SOLVING – to help students to solve Problems in shortest possible time. # Exercise 1 CONCEPT BUILDER - A Collection of Important Topic-wise MCQs to Build Your Concepts. # Exercise 2 CONCEPT APPLICATOR – A Collection of Quality MCQs that helps sharpens your concept application ability. # Exercise 3 Numeric Answer Questions – A Collection of Quality Numeric Answer Questions as per the new pattern of JEE. # Answer Keys & Detailed Solutions of all the Exercises and Past years problems are provided at the end of the chapter. With ever changing pattern and syllabus, JEE Main and Advanced tests the conceptual knowledge of the aspirants by asking problems on the real life applications on all 3 subjects; Physics, Chemistry and Mathematics. Keeping this mind, we have upgraded our bestselling series since its first edition "Understanding Physics JEE Main and Advanced" written by renowned author, D.C. Pandey which carries five fully comprehensive textbooks presenting 36 essential chapters of Physics. The first book of the series is "Mechanics Volume 1" which has been thoroughly revised to reinforce foundations Mechanics in easy and effective manner. The revised edition of the book all the difficulties being faced by the students during preparation of JEE. This book provides 1. Entire syllabus in 10 chapters dealing with the foundations of the Mechanics 2. In depth discussion on the theories Motion in one and two dimension, Laws of Motions, Circular Motion 3. Focus on concept building and problem solving 4. IIT JEE Main and Advanced Previous years' question to know the question pattern 5. Hints & Solutions for the complete conceptual clarity. TOC Chapter 1 Basic Mathematics, Chapter 2 Measurements & Errors, Chapter 3 Experiments, Chapter 4 Units And Dimensions, Chapter 5 Vectors, Chapter 6 Kinematics, Chapter 7 Projectile Motion, Chapter 8 Laws of Motion, Chapter 9 Work, Energy and Power, Chapter 10 Circulation Motion, Hints and Solutions Problems in Physics for JEE (Main & Advanced) by Career Point - Volume 1 is a collection of conceptual questions along with detailed solutions. These questions are thought-provoking and cover the application of various concepts in solving problems. Questions in this book are handpicked by experienced faculty members of Career Point to enhance the following skills of the students – 1. Understanding of concepts and their application to the grass-root level. 2. Improving their scoring ability & accuracy by providing an opportunity to practice a variety of questions. The book approaches the subject in a very conceptual and coherent manner. Chapter-wise varieties of questions are arranged in a sequential manner to build a strong foundation of fundamentals. The coverage and features of books make it highly useful for all those preparing for JEE (Advanced), Physics Olympiads, KVPY and other advanced level Physics exams. This volume consists of chapter wise challenging questions with detailed explanatory solutions from the following chapters for JEE - 1. Unit, Dimension and Errors 2. Motion in one Dimension 3. Projectile motion and Relative motion 4. Laws of motion 5. Friction 6. Circular Motion 7. Work, Power and Energy 8. Laws of conservation of momentum 9. Rotational motion 10. Gravitation 11. Simple Harmonic Motion 12. Properties of matter 13. Surface Tension, Viscosity and Elasticity 14.

Fluid Mechanics 15. Calorimetry 16. Kinetic Theory of Gases 17. Thermodynamics 18. Heat Transfer 19. Thermal Expansion 20. Transverse Wave 21. Sound Wave 22. Doppler's Effect

Highlights: Improves student's critical thinking & application of concepts in varied situations As per the requirement of JEE(Advanced) Improves self-learning hence enhances confidence and scoring ability Also useful for Olympiad and other high-level competitive exams Prepared by Career Point Kota classroom Faculty Team N/A

1. "JEE MAIN in 40 Day" is the Best-Selling series for medical entrance preparations
2. This book deals with Physics subject
3. The whole syllabus is divided into day wise learning modules
4. Each day is assigned with 2 exercises; The Foundation Questions & Progressive Questions
5. Unit Tests and Full-Length Mock Test papers for practice
6. NEET Solved Papers are provided to understand the paper pattern
7. Free online Papers are given for practice

JEE Entrances are the gateway to some of the prestigious engineering technology institutions and every year nearly 10 lakh students appear in the race. The rigorous practice is required to get through the exam. Preparation never ends until the last minute if there is no proper planning done before the exam. The book "40 Days JEE Mains Physics" gives you an accelerated way to master the whole syllabus. Day-wise learning modules with clear grounding into concepts helps in quick learning. Each day is assigned with 2 exercises; The Foundation Questions & Progressive Questions for practice. Unit Tests and full-Length Mock Tests are given to provide the real feel of the exam. At the end of the book, there are all Online Solved papers of JEE MAIN 2020 for practice. Moreover, Free Online Practice Material can be availed for you to practice online. This book helps in increasing the level of preparation done by the students and ensures scoring high marks.

TABLE OF CONTENT Preparing JEE Main 2019 Physics in 40 Days!

Day 1: Units and Measurement, Day 2: Kinematics, Day 3: Scalar and Vector, Day 4: Laws of Motion, Day 5: Circular Motion, Day 6: Work, Energy and Power, Day 7: System of Particle and Rigid Body, Day 8: Torque and Rolling Motion, Day 9: Gravitation, Day 10: Unit Test 1 (Mechanics), Day 11: Oscillations, Day 12: Waves, Day 13: Unit Test 2 (Waves and Oscillations), Day 14: Properties of Matter, Day 15: Heat and Thermodynamics, Day 16: Transfer of Heat, Day 17: Unit Test 3 (General Properties of Matter), Day 18: Electrostatics, Day 19: Current Electricity, Day 20: Unit Test 4 (Electrostatics & Current Electricity), Day 21: Magnetic Effect of Current, Day 22: Magnetism, Day 23: Electromagnetic Induction, Day 24: Alternating Current, Day 25: Electromagnetic Wave, Day 26: Unit Test 5 (Magnetostatics, EMI & AC, EM Wave), Day 27: Ray Optics, Day 28: Optical Instruments, Day 29: Wave Optics, Day 30: Unit Test 6 (Optics), Day 31: Dual Nature of Matter, Day 32: Atoms, Day 33: Nuclei, Day 34: Electronic Devices, Day 35: Gate Circuit, Day 36: Communication Systems, Day 37: Unit Test 7 (Modern Physics), Day 38: Mock Test 1, Day 39: Mock Test 2, Day 40: Mock Test 3, Online JEE Mains Solved Papers 2019, Online JEE Mains Solved Papers 2020.

The 6th New Enlarged Edition of the ALL NEW Objective NCERT Xtract Physics for NEET/ JEE Main is now available in a new 2-Color format much powerful than the previous one.

- The most highlighting feature of the book is the inclusion of all the concepts from NCERT Class 11 & 12 Books in the form of ONE-LINERS Notes.
- This book-cum-Question Bank spans through 29 chapters - 15 Chapters of Class 11 & 14 Chapters of Class 12. Each Chapter can be divided into 2 Parts: Part I - Learn & Revise: • Every Chapter starts with TREND BUSTER, which highlights the Most & Least Important Topics of the Chapter based upon the last 7 years Questions of NEET/ JEE Main.
- The book provides Topical NCERT ONE-LINER Notes without missing a single concept.
- Another NEW INCLUSION in this edition is extract of NEET/ JEE Main Past MCQs in the form of NEET/ JEE ONE-LINERS.
- Further Tips/ Tricks/ Techniques ONE-LINERS to provide additional inputs for Quick Problem Solving
- Part II - Practice & Excel: • This is followed by 5 types of Objective Exercises covering all variety of questions asked in NEET/ JEE Main

1. NCERT based Topic-wise MCQs exactly as per NCERT Flow with ample amounts of MCQs
2. NCERT Exemplar & Past NEET MCQs Past Questions are categorised into Concept, Application & Skill Levels. Questions out of NCERT scope are also marked as Beyond NCERT.
3. Matching, Statement & A-R type MCQs
4. Skill Enhancer MCQs/ HOTS
5. Numeric Value Answer Questions

- The book also provides 4 Mock Tests as per latest (2021) pattern for Self Assessment..
- In all, the book contains 5000+ High Probability MCQs specially designed to Master MCQs for NEET/ JEE
- Detailed Quality explanations have been provided for all MCQs for conceptual clarity.
- This book assures complete syllabus coverage by means of Concept Coverage & MCQs for all significant concepts. In nutshell this book will act as the MUST HAVE PRACTICE & REVISION MATERIAL for NEET/ JEE Main Aspirants. "IIT mein chatur nahi, sirf rancho jaate hain" sometimes fictional TV Shows do give us some best real life advices. Appearing for JEE Main & Advance exam demands high level of understanding of Questions and better interpretation of solutions. Arihant's Master Problem Package presents the revised edition of "New Pattern JEE Problems Physics for JEE Main & Advanced" that has been designed as according to the latest JEE Exam Pattern by providing a good collection Objective Questions. Serving as a complete practice guide, this book is supplemented with good number of questions for practice. This book features:

1. 23 chapters of Physics as per the syllabus.
2. More than 6000 MCQs to hone the comprehension and analytical skills.
3. Step by step solution to question for better conceptual clarity and to strategize for a problem. This book seeks to develop the capability of in appreciation of the inter-play concepts in arriving at the correct answer fast, in the students.

TOC General Physics; Kinematics 1; Kinematics 2; Laws Of Motion; Work, Energy & Power; Circular Motion; Centre Of Mass, Impulse And Momentum; Rotational Motion; Gravitation; Properties Of Matter; Simple Harmonic Motion; Wave Motion; Heat And Thermodynamics; Ray Optics; Wave Optics; Electrostatics; Current Electricity, Magnetic Effect Of Current And Magnetism, Electromagnetic Induction & Alternating Current, Electromagnetic Waves, Modern Physics, Semiconductors And Electronic Devices, Communication System, Hints And Solutions All India NEET/JEE (Main) Mechanics (Physics) Previous Solved Papers IIT JEE Main and Advanced test the conceptual knowledge of aspirants by asking real-life application based problems on Physics, Chemistry, and Mathematics. Keeping this in mind, we have been publishing our best-selling series of books exclusively on different topics of all three subjects to enable aspirants for advanced ability to tackle any type of questions asked from them. "Understanding Physics" is one of those best-selling series written by renowned author, D.C. Pandey which carries five fully comprehensive textbooks presenting 36 essential chapters of Physics. The first book on Mechanics Volume 1 has been revised thoroughly to reinforce the foundation of Mechanics simply and coherently with 10 scoring chapters promoting in-depth discussions on each theory. The focused study material for concept building along with applications for solidifying the problem-solving skills given in this book are highly advantageous. It also provides the last 6 years' questions of JEE Main and Advanced to know the trend and patterns of questions. Enclosed with well-organized and premier set of study material to develop the substantial knowledge of Physics required for acing IIT JEE Main and Advanced, this book is the absolute best in terms of both quality and quantity. Mechanics I for JEE (Advanced), a Cengage Exam Crack Series® product, is designed to help aspiring engineers focus on the subject of physics from two standpoints: To develop their

caliber, aptitude, and attitude for the engineering field and profession. To strengthen their grasp and understanding of the concepts of the subjects of study and their applicability at the grassroots level. Each book in this series approaches the subject in a very conceptual and coherent manner. While its illustrative, solved examples facilitate easy mastering of the concepts and their applications, an array of solved problems exposes the students to a variety of questions that they can expect in the examination. The coverage and features of this series of books make it highly useful for all those preparing for JEE Main and Advanced and aspiring to become engineers. Physics for JEE (Main & Advanced) Volume 1 (Class XI) has been designed in keeping with the needs and expectations of students appearing for JEE Main. Its coherent presentation and compatibility with the latest prescribed syllabus and pattern of JEE (as per the latest NTA notification) will prove extremely useful to JEE aspirants. Questions in this book are handpicked by experienced faculty members of Career Point to enhance the following skills of the students – Understanding of concepts and their application to the grass-root level. Improving their scoring ability & accuracy by providing an opportunity to practice a variety of questions. Features of Book are:- · 3400+ Questions with explanatory solutions · Chapters according to NCERT · All types of MCQs based on latest pattern · Previous Year Questions since 2005 · 3 Mock Tests for Final Touch Learn Motion in 2 Dimensions which is divided into various sub topics. Each topic has plenty of problems in an adaptive difficulty wise. From basic to advanced level with gradual increment in the level of difficulty. The set of problems on any topic almost covers all varieties of physics problems related to the chapter Motion in 2 Dimensions If you are preparing for IIT JEE Mains and Advanced or NEET or CBSE Exams, this Physics eBook will really help you to master this chapter completely in all aspects. It is a Collection of Adaptive Physics Problems in Motion in 2 D for SAT Physics, AP Physics, 11 Grade Physics, IIT JEE Mains and Advanced , NEET & Olympiad Level Book Series Volume 05 This Physics eBook will cover following Topics for Motion in 2 Dimensions: 1. Projectile Motion 2. Equation of Trajectory 3. Projectile Motion on an Inclined Plane 4. 2D Relative Motion 5. Rain Man Problems 6. River Boat Problems 7. Circular Motion 8. Chapter Test The intention is to create this book to present physics as a most systematic approach to develop a good numerical solving skill. About Author Satyam Sir has graduated from IIT Kharagpur in Civil Engineering and has been teaching Physics for JEE Mains and Advanced for more than 8 years. He has mentored over ten thousand students and continues mentoring in regular classroom coaching. The students from his class have made into IIT institutions including ranks in top 100. The main goal of this book is to enhance problem solving ability in students. Sir is having hope that you would enjoy this journey of learning physics! In case of query, visit www.physicsfactor.com or whatsapp to our customer care number +91 7618717227 Rank Accelerator for Physics- Created by Top 100 IIT JEE Rankers Comprises of JEE Main and JEE Advanced important questions Designed by Top 100 JEE Rankers and Senior Faculty of Premier Institutes 4000+ Unsolved Questions Topic-wise exercises consisting questions of varied difficulty, Helps develop problem-solving ability 2000+ Problems of last 35 years, Topic-wise segregation of questions, Year-wise tagging of each question Proper categorization of questions into JEE Main and JEE Advanced, Seamless categorization of questions into JEE Main and JEE Advanced, Categorization of questions based on their relevancy and difficulty level Level of Exercises Categorized into JEE Main & Advanced, Division of questions into four exercises of increasing difficulty PlancEssential Questions, Important questions picked by Top 100 IIT JEE Rankers, the Best resource for quick and easy revision Types of Questions Based on Latest IIT JEE Pattern, Exercises based on latest IIT JEE Pattern, Questions with Single Option Correct, Multiple Options Correct, Exercise Questions comprises of Comprehension Based Questions, Assertion and Reasoning, Matrix Match, Comprehension Based Matrix Match, and Single Integer Type. The New 2023 Edition of IIT-JEE (Main and Advanced) Physics is designed to present a whole package of Physics study preparation, sufficing the requirements of the aspirants who are preparing for the upcoming exam. Highlights of the Book • Exam Patterns for JEE Main and Advanced included • An Analysis of IIT JEE included • Concepts are explained in detail • Chapters are compiled with Previous Years' Questions • Answers to Questions included with Explanations • Presence of accurate Figures and Tables • Five sets of Mock Tests are also included at the end • Based on the pattern of NCERT Books “53 Years of IIT-JEE Chapter wise and; Topic-wise Solved Papers Physics (1970-2022)” with Value Added Notes covers the whole syllabus distributing in 24 Chapters. The book comprises chapters such as: • Physical World and Measurement • Laws of Motions • Rotational Motions • Gravitation • Sound Waves • Current Electricity • Atomic Structure • Electronics and Communication System and so on. This book serves to be a suitable Study Guide for the aspirants, with focus on Qualitative Preparation and Systematic understanding of the Syllabus and Examination Level. With provision for self-assessment in Mock Tests, this book stands beneficial in imprinting concepts in the mind. 1. Understanding Physics Series Comprises of Total 5 Books 2. Total 36 Essential Chapters of Physics 3. Volume 1 is Mechanics Part -1 Consists 10 Chapters 4. Includes Last 6 Years Question of JEE Main & Advances 5. One of the Most Preferred Textbook for IIT JEE 6. Focused Study Material with Applications Solving Skills 7. Includes New Pattern of Question from recent previous Exams IIT JEE has become a worldwide brand in the engineering institutions that has some of the best and brightest engineering students and career professionals. To make their way in this institution, every year lakhs of aspirants appear for IIT JEE Main and Advanced held by CBSE which tests the conceptual knowledge real-life application based problems on Physics, Chemistry, and Mathematics. Arihant's Understanding Physics is one of the best selling series of books in Physics, since its first edition for the preparation of JEE Entrance. The first volume of this series deals with Mechanics providing the in-depth discussions on the Motion in one and two dimensions, the laws of motion, Work Energy and Power and Circular. Dividing the entire syllabus into 10 scoring Chapters, this book focuses on the concept building along with solidifying the problem-solving skills. It is a must have book for anyone who are desiring to be firm footed in the concepts of physics as well as their applications in problem solving. 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