

Anurag Mishra Physics

Objective Physics for the JEE Main 2015 offers a quick review of various concepts followed by ample number of illustrations and questions for practice. The book includes sections like short-cuts and points to note to help the students to prepare for the examination in a better way. Psychoanalysis from the Indian Terroir: Emerging Themes in Culture, Family, and Childhood in India represents the best of Indian scholarship from emerging psychoanalytic thinkers and researchers on culture, family, politics and the future of India.

The publication of the first edition of Physics in 1960 launched the modern era of physics textbooks. It was a new paradigm then and, after 40 years, it continues to be the dominant model for all texts. The big change in the market has been a shift to a lower level, more accessible version of the model. Fundamentals of Physics is a good example of this shift. In spite of this change, there continues to be a demand for the original version and, indeed, we are seeing a renewed interest in Physics as demographic changes have led to greater numbers of well-prepared students entering university. Physics is the only book available for academics looking to teach a more demanding course.

This volume covers many new trends and developments in food science, including preparation, characterization, morphology, properties, and recyclability. The volume considers food quality, shelf life, and manufacturing in conjunction with human nutrition, diet, and health as well as the ever-growing demand for the supply and production of healthier foods. Distinguished scientists specializing in various disciplines discuss basic studies, applications, recent advances, difficulties, and breakthroughs in the field. The volume includes informative discussions and new research on food formulations, manufacturing techniques, biodegradably flexible packaging, packaged foods, beverages, fruits and vegetable processing, fisheries, milk and milk products, frozen food and thermo processing, grain processing, meat and poultry processing, rheological characteristics of foods, heat exchangers in the food industry, food and health (including natural cures and food supplements), spice and spice processing, and more.

Vol.1 - Mechanics 2e

Educative JEE Mathematics

Recent Technologies for Disaster Management and Risk Reduction

Physics Quick Books

Pyrazole: Preparation and Uses

Eminent Indian Psychologists: 100 years of Psychology in India presents a chronology of important research and noteworthy events in the field of Psychology in the last hundred years. Psychology as a discipline was first introduced in this country in 1916—in the University of Calcutta. In 2016 the hundred-year milestone was reached. Prominent psychologists of our times have documented this hundred-year journey and its highlights in this book. The book also chronicles the lives and work of eminent Indian psychologists, who helped make Psychology practice and research what it is today. Their contributions – research articles, monographs, books, etc.–have been listed and summarized. Some of this scholarship influenced psychologists all over the world. The book takes a retrospective look at the development of Psychology and discusses the contribution of Indian institutions and experts.

At the beginning of the book (before Unit-1) the overview of the various concepts of management discussed in the book is given through dialogue box. This view has further been enlarged in Unit-3 also. It would be helpful to enhance the understanding of the subject. Throughout the book, ,running glossary is given headed as tool kit. The brief summary of the important Concepts and Key Terms is presented here. It would enable the readers to reinforce their learning. In the book, the case studies have also been included to enhance the practical knowledge of the subject. instant learning maps are given with a view to facilitating quick revision and I hope that the students will be really benefitted as it facilitates the work of revising the subject particularly during examination days. Match the Column and Comprehension Type Questions are given headed as appendix. At the end of each part query session is given to raise queries from the readers' side. Some possible queries have already been answered on the spot. Every aspect of the syllabus has been studied in detail so that the entire material relevant to the requirement of the syllabus becomes available in a single book. Every difficult fact has been presented with the help of examples and diagrams so that the subject can be easily and adequately comprehended. A list of questions that are important from the examination point of view has been given at end of each Unit. Every possible effort has been made to present the subject-matter in a simple, clear and interesting manner. Special efforts have been made to make the book error-free.

1. The new Physics Quick Book is reference book Science students
2. This book provides quick short notes and important formulae
for last minute preparation 3. Each chapter is covered with all
the important formulae and concepts 4. This book for JEE, NEET &
Class 11/12 exam Short notes for last minute revision are very
important as we don't have time to revise the entire syllabus.
At the same time continuous revision of formulae and main
concepts are equally important. Presenting, "Physics Quick Book"
a reference book which is designed for the last minute
preparation for JEE, NEET & Class 11/12 exam. It is divided into
22 different chapters, where every chapter is provided with
quick short notes and listed with important formulae so that no
student should skip any important chapter. Emphasizing on each
chapter covers all the important formulae, concepts in a lucid
and concise manner. This is a must have book for the quick
revision at the last moment. TOC General Physics, Kinematics I,
Kinematics II, Laws of Motion, Work, Power and Energy, Circular
Motion, Centre of Mass, Momentum and Impulse, Rotational motion,
Gravitation. Properties of Solid Fluid Mechanics, Simple
Harmonic Motion, Wave Motion, Heat and Thermodynamics, Ray
Optics, Wave Optics, Electrostatics, Current Electricity,
Magnetic Effects of Current & Magnetism, Electromagnetic
Introduction and Altering Current, Modern Physics,
Semiconductors

This book has comprehensively reviewed the latest information on
pyrazoles, their preparations and uses. It provides extended
ideas on pyrazole and its derivatives including their synthesis,
chemistry, structure activity relationship (SAR) and therapeutic
applications. The health promoting properties of these pyrazoles
are discussed in this book with different therapeutic
applications of pyrazole scaffold. Topics related to pyrazole
and its analogues as potential anticancer, anti-angiogenesis,
antiviral, antioxidative, anti-convulsive, anthelmintic, anti-
inflammatory, antidiabetic agents are described in this book in
detail. Furthermore, current status and future prospects of
pyrazole moiety in drug discovery, importance of it in plant
systems, its relevance in neurological drug discovery, its
potency as herbicidal and antimicrobial agents have been
enumerated through different chapters. In a summary, this book
is a valuable resource for research scholars, academics,
students, industrialists and subject experts working in the
multidisciplinary fields like medicinal chemistry, synthetic
chemistry, biochemistry, pharmacology, natural product chemistry
and other related areas in the field of pyrazole derivatives
drug discovery and research.

The Delivery of Nanoparticles

Vol.2 - Thermodynamics, Oscillations & Waves 2e

Nanobiotechnology

Emerging Themes in Culture, Family, and Childhood

Skills in Mathematics - Coordinate Geometry for JEE Main and Advanced

How does a village student, living with uncertainty about his next meal or home, who failed his boards, go on to a career in the civil services? With integrity, inventiveness, and a never-say-die spirit. In IPS officer Manoj Kumar Sharma's case, there was also the promise of love. Twelfth Fail is his extraordinary story, the gripping narrative of a man who put his heart and soul into making the impossible possible.

This Cambridge IGCSE® Mathematics Core and Extended series has been authored to meet the requirements of the Cambridge IGCSE® Mathematics syllabus (0580/0980), for first examination from 2020. This second edition of Cambridge IGCSE® Mathematics Core and Extended Coursebook offers complete coverage of the Cambridge IGCSE Mathematics (0580/0980) syllabus. It contains detailed explanations and clear worked examples, followed by practice exercises to allow students to consolidate the required mathematical skills. The coursebook offers opportunities for checking prior knowledge before starting a new chapter and testing knowledge with end-of-chapter and exam-practice exercises. Core and Extended materials are presented within the same book and are clearly signposted to allow students to see the range of mathematics required for study at this level. Answers are at the back of the book.

In order to do business effectively in contemporary South Asia, it is necessary to understand the culture, the ethos, and the region's new trading communities. In tracing the modern-day evolution of business communities in India, this book uses social history to systematically document and understand India's new entrepreneurial groups.

1. 'Skill in Mathematics' series is prepared for JEE Main and Advanced papers 2. It is a highly recommended textbook to develop a strong grounding in Coordinate Geometry 3. The book covers the entire syllabus into 7 chapters 4. Each chapter includes a wide range of questions that are asked in the examinations Good foundational grip is required in the Coordinate Geometry, while you are preparing for JEE Mains & Advanced or any other engineering. Bringing up the series "Skills in Mathematics for JEE Main & Advanced for Coordinate Geometry" that is carefully revised with the sessionwise theory and exercise; to help candidates to learn & tackle the mathematical problems. The book has 7 Chapters covering the whole syllabus for the JEE Mains and Advanced as prescribed. Each chapter is divided into sessions giving complete clarity to concepts. Apart from sessionwise theory, JEE Type examples and Chapter Exercise contain huge amount of questions that are provided in every chapter under Practice Part. Prepared under great expertise, it is a highly recommended textbook to develop a strong grounding in Algebra to perform best in JEE and various engineering entrances. TOC: Coordinate Systems and Coordinates, The Straight Lines, Pair of Straight Lines, Circle, Parabola, Ellipse, Hyperbola.

Hara Vahi Jo Lada Nahi

New Pattern IIT JEE Physics

Vol. 4 - Optics & Modern Physics 2e

Mathematics Formulae & Definitions (R-1009)

Physics.

Serving the Nation on the borders is not a cup of tea it's always been a work that requires great courageous heart, Quick Decision Making abilities and furious instincts. In order to get selected in National Defence Academy and Naval Academy, countless candidates from all across the country keep vigorous eye on its entrance exam notifications, released twice in a year by Union Public Service Commission. The 2020-21 edition of 'Pathfinder NDA/NA Entrance Examination' is complete self study guide that is designed for the absolute preparation of Combined Defence Services Examination. The book has been revised carefully and consciously providing the entire syllabus, divided into 4 major sections that are sub divided into chapters, which is prescribed by the UPSC guidelines. Solved Papers from [2019 to 2017], more than 800 MCQs and Chapterwise Division of the previous years' questions are provided in the book, giving deep insight to the candidates about the papers pattern, types of questions and their weightage in the exam. Packed with such comprehensive study resources, this is a perfect book to receive the best guidance for the upcoming NDA/NA Entrance Exam to strive towards success. TABLE OF CONTENT NDA/NA Solved Paper 2019 II, NDA/NA Solved Paper 2019 I, NDA/NA Solved Paper 2018 II, NDA/NA Solved Paper 2018 I, NDA/NA Solved Paper 2017 II, Mathematics, General English, General Science, General Studies.

Edited by the father of endourology, Arthur Smith, Smith's Textbook of Endourology is the definitive reference book in the field, addressing every aspect of endourologic procedure including methods of access, operative techniques, complications, and postoperative care. The reader is taken on a step-by-step journey through percutaneous surgery, ureteroscopy, extracorporeal shock wave lithotripsy, laparoscopy, and lower urinary tract procedures, and is given a comprehensive look at the influx of and dynamic changes in robotic and laparoscopic procedures, and image-guided technologies. The principles and function of state-of-the-art endourologic instruments are outlined for each procedure. Now in full-color, the third edition contains 800 extra pages, culminating in an 1800 page, two-volume textbook reflecting the most current advances in endourology. A supplemental DVD includes over 100 high-quality surgical videos allowing you to see endourology in practice. With all chapters thoroughly revised by world-renowned authors with unrivalled expertise in the field, Smith's Textbook of Endourology 3E is an essential reference book for all urologists, particularly those who regularly perform endourology in their daily practice. This new edition, with its vast amount of extra content, will rightly cement its status as the leading urologic surgery textbook. Titles of Related Interest Interventional Techniques in Uro-oncology Arya, ISBN 9781405192729 Evidence-based Urology Dahm, ISBN 9781405185943

In the past few years, the IIT-JEE has evolved as an examination designed to check a candidate's true scientific skills. The examination pattern needs one to see those little details which others fail to see. These details tell us how much in-depth we should know to explain a concept in the right direction. Keeping the present-day scenario in mind, JEE Advanced Physics series is written for students, to allow them not only to learn the tools but also to see why they work so nicely in explaining the beauty of ideas behind the subject. The central goal of this series is to help the students develop a thorough understanding of Physics as a subject. This series stresses on building a rock-solid technical knowledge based on firm foundation of the fundamental principles followed by a large collection of formulae. The primary philosophy of this series is to guide the aspirants towards detailed groundwork for strong conceptual understanding and development of problem-solving skills like mature and experienced physicists. This updated Third Edition of the series will help the aspirants prepare for both Advanced and Main levels of JEE conducted for IITs and other elite engineering institutions in India. This book will also be equally useful for the students preparing for Physics Olympiads. All books in this series are enriched with detailed exhaustive theory that introduces the concepts of

Physics in a clear, concise, thorough and easy-to-understand language. A large collection of relevant problems is provided in eight major categories (including updated archive for JEE Advanced and JEE Main), for which the solutions are demonstrated in a logical and stepwise manner.

Physics Quick Books Arihant Publications India limited

Physics for Degree Students for B.Sc. 3rd Year

Fundamentals of Physics

CFD Modeling and Simulation in Materials Processing 2016

Cambridge IGCSE® Mathematics Core and Extended Coursebook

Concepts and Applications in Health, Agriculture, and Environment

"This book examines the use of fuzzy expert systems in the agricultural field"--Provided by publisher.

This new book, *Nanobiotechnology: Concepts and Applications in Health, Agriculture, and Environment*, presents a broad conceptual overview regarding the synthesis, applications, and toxicological aspects of nanobiotechnology. It focuses on the entrance into and interaction of nanomaterials in the human body, which has generated intense scientific curiosity, attracting much attention as well as increasing concern from the nanomaterial-based industries and academia across the world. This book looks at the scientific aspects of nanomaterials used in many applications of biosciences, taking an interdisciplinary approach that encompasses medicine, biology, pharmacy, physics, chemistry, engineering, nanotechnology, and materials science. The volume covers the basics of nanosciences and nanotechnology; different schemes and routes of synthesis; and various biological applications, including sensing, medicine, drug delivery systems, and remediation. Further, special chapters will be devoted to nanotoxicology and the developing risk factors associated with nanosized particles during use along with the ethical issues related to nanobiotechnology.

This book comprises selected contributions to the Computer Society of India's annual convention. Divided into 10 topical volumes, the proceedings present papers on state-of-the-art research, surveys and succinct reviews, covering diverse topics ranging from communications networks to big data analytics, and from system architecture to cyber security. This volume focuses on silicon photonics & high performance computing, offering valuable insights for researchers and students alike.

This book explains to governments, decision makers and disaster professionals the potential uses of recent technologies for disaster monitoring and risk reduction

based on the knowledge and experience of prominent experts/researchers in the relevant fields. It discusses the application of recent technological developments for emerging disaster risks in today's societies and deliberates on the various aspects of disaster risk reduction strategies, especially through sustainable community resilience and responses. This book consists of selected invited papers on disaster management, which focus on community resilience and responses towards disaster risk reduction based on experiences, and closely examines the coordinated research activities involving all stakeholders, especially the communities at risk. Many regions of the world and aspects of disaster risk and its management are covered. It is described how recent technologies will support better understanding and action to reduce the number and impact of disasters in future. The principal audience for this book is researchers, urban planners, policy makers, as well as students.

Problems in Optics

JEE Advanced Physics - Mechanics 1 | Third Edition | By Pearson

Understanding Physics Electricity & Magnetism

Sustainable Community Resilience & Responses

JEE Advanced Physics - Modern Physics

Nanoparticle is a general challenge for today's technology and the near future observations of science. Nanoparticles cover mostly all types of sciences and manufacturing technologies. The properties of this particle are flying over today scientific barriers and have passed the limitations of conventional sciences. This is the reason why nanoparticles have been evaluated for the use in many fields. InTech publisher and the contributing authors of this book in nanoparticles are all overconfident to invite all scientists to read this new book. The book's potential was held until it was approached by the art of exploring the most advanced research in the field of nano-scale particles, preparation techniques and the way of reaching their destination. 25 reputable chapters were framed in this book and there were alienated into four altered sections; Toxic Nanoparticles, Drug Nanoparticles, Biological Activities and Nano-Technology.

Coordination chemistry plays an important role in the designing of inorganic metal complexes, materials, organo-synthesis, biological systems and catalysis. In A Closer Look at Coordination Complexes, novel and evolving developments in the field have been described. The book includes chapters on the synthesis of coordination compounds using different ligand combinations (Schiff base ligands, phosphines, thiolates, ligands with N- and S-donors and so on), biological relevance and catalytic applications of the reported metal complexes. Different aspects of metal complexes, viz. structural and coordination properties of the ligands and complexes and applications viz., asymmetric organic transformations, potential anticancer agents, antibacterial-antioxidant-antifungal properties, alkenes epoxidation, olefins polymerization, nitrogen

reduction, hydrogen evolution and oxidation and mercury poisoning treatment reviewed by the authors have been delineated in the eight chapters of the book.

Low-temperature radio frequency plasmas are essential in various sectors of advanced technology, from micro-engineering to spacecraft propulsion systems and efficient sources of light. The subject lies at the complex interfaces between physics, chemistry and engineering. Focusing mostly on physics, this book will interest graduate students and researchers in applied physics and electrical engineering. The book incorporates a cutting-edge perspective on RF plasmas. It also covers basic plasma physics including transport in bounded plasmas and electrical diagnostics. Its pedagogic style engages readers, helping them to develop physical arguments and mathematical analyses.

Worked examples apply the theories covered to realistic scenarios, and over 100 in-text questions let readers put their newly acquired knowledge to use and gain confidence in applying physics to real laboratory situations.

Section I Relativity Section II Quantum Mechanics Section III Atomic Physics Section IV Molecular Physics Section V Nuclear Physics Section VI Solid State Physics Section VII Solid State Devices Section VIII Electronics Index

India's New Capitalists

A Closer Look at Coordination Complexes

Twelfth Fail

Advanced Illustration in Physics

Pathfinder NDA/NA National Defence Academy & Naval Academy Entrance Examination 2020

Key Features:A large number of preparatory problems with solutions to sharpen problem-solving aptitude in physics. Ideal for developing an intuitive approach to physics. Inclusion of a number of problems from the suggestions of the jury of recent Moscow Olympiads.

About the Book:The book helps the students in sharpening the problem-solving aptitude in physics. It also guides the students on the ways of approaching a problem and getting its solution. The book also raises the level of learning of physics by practicing problem-solving. It will be especially useful to those who have studied general physics and want to improve their knowledge or try their strength at non-standard problems or to develop an intuitive approach to physics. A feature of the book is that the most difficult problems are marked by asterisks. This book will prove beneficial for the students of the senior secondary, undergraduate courses. It will also help those students who are preparing for engineering, medical entrance examinations and for physics Olympiads.

This collection of problems and accompanying solutions provide the reader with a full introduction to physical optics. The subject coverage is fairly traditional, with chapters on interference and diffraction, and there is a general emphasis on spectroscopy.

Advanced Illustrations in Physics by seasoned expert Ashish Arora is a valuable asset for the Aspirants of JEE Advanced examination. The book covers more than 700 advanced problems with illustrations. Detailed explanations have been included with video solutions so that students are able to grasp the fundamental examination edge of JEE Advanced. Every illustration is based on specific experimental analysis and practical situations from real

life, so that students can understand how questions are framed in competitive exams. All illustrations are divided in several topics covering the syllabus of Advanced Physics for JEE. Features 700+ advanced problems illustrated with explanations Practical problems included from real life Video solutions included to help students grasp concepts better

A collection of seventy illustrated logic puzzles set in fantastic locales such as outer space or mythical kingdoms, with explanations of the logical reasoning needed to solve them

Silicon Photonics & High Performance Computing

Modern Physics for JEE Main & Advanced (Study Package for Physics)

Business Studies for Class 12 (RK Singla) CBSE - (Examination 2021-22)
with Handbook of Case Studies

Eminent Indian Psychologists

This book focuses on analysis and modelling of active bio potential signals addressing time challenges in biomedical signal processing used in a variety of applications such as analysis, classification and identification of different disorders in healthcare systems.

In the past few years, the IIT-JEE has evolved as an examination designed to check a candidate's true scientific skills. The examination pattern needs one to see those little which others fail to see. These details tell us how much in-depth we should know to see a concept in the right direction. Keeping the present-day scenario in mind, JEE Advanced series is written for students, to allow them not only to learn the tools but also to see work so nicely in explaining the beauty of ideas behind the subject. The central goal of this series is to help the students develop a thorough understanding of Physics as a subject. This series stresses on building a rock-solid technical knowledge based on firm foundation of fundamental principles followed by a large collection of formulae. The primary philosophy of this series is to guide the aspirants towards detailed groundwork for strong conceptual understanding and development of problem-solving skills like mature and experienced physicists. This updated Third Edition of the series will help the aspirants prepare for both Advanced and Main levels of JEE conducted for IITs and other elite engineering institutions in India. This book will also be equally useful for the students preparing for Physics Olympiad.

All books in this series are enriched with detailed exhaustive theory that introduces the concepts of Physics in a clear, concise, thorough and easy-to-understand language. A large collection of relevant problems is provided in eight major categories (including updated archive for JEE Advanced and JEE Main), for which the solutions are demonstrated in a logical and step-by-step manner. Features: 1. Learning Objectives . 2. Solved Example as per subtopic wise . 3. Test your Concepts . 4. Problem solving Techniques . 5. Conceptual Notes . 6. Practice Exercises . 7. Previous Year JEE Main & Advanced Question . 8. Answer Key and Complete solution of every question. Table of Contents: 1. Mathematical Physics . 2. Measurements and General Physics . 3. Vectors . 4. Kinematics I . 5. Kinematics II . 6. Newton's Laws of Motion

Physics galaxy by Ashish Arora is a result of deep stress and serious efforts of the brilliant and distinguished academician Ashish Arora to ensure fundamental understanding and advanced applications of concepts in Physics. This series includes four books which cover the complete syllabus of class XI and XII. In these books, under each topic numerous illustrations are included for better understanding of the concept. Also to help in understanding the right approach to solve questions, systematically step by step approach is adopted in easy and simple

explanation for each solved Example. After every topic comprehensive time bound tests given to strengthen the objective and comprehensive abilities of students. You can also access to the world's largest encyclopaedia of online video lectures for high school Physics at www.Physicsgalaxy.Com. These exclusive lectures are prepared by Ashish Arora. Every day view count of these lectures is 30000+ and till now more than 24 million lectures have been watched by students in 180+ countries. Physics galaxy is undoubtedly among the best textbooks for Class XI and Class XII. Some highlights of the book include: a. Systematic by-step approach for easy understanding B. Time bound tests after every topic C. As per syllabus.

Modelling and Analysis of Active Biopotential Signals in Healthcare, Volume 1

Psychoanalysis from the Indian Terroir

Caste, Business, and Industry in a Modern Nation

Physics of Radio-Frequency Plasmas

Physics Galaxy 2020-21