

Kumar Mittal 11th Physics Up Board

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 Commerce

This book explains the basic principles of Discrete Mathematics and Structures in a clear systematic manner. A contemporary approach is adopted throughout the book. The book is divided in five sections. First section discusses Set Theory, Relations and Functions, Probability and Counting Techniques; second section is about Recurrence Relations and Propositional Logic; third section is related to Lattices and Boolean algebra; fourth section includes study of Graph and Trees and the last section is about Algebraic Structures and Finite State Machines. Suitable examples, illustrations and exercises are included throughout the book to facilitate an easier understanding of the subject. The book would serve as a comprehensive text for students of Computer Science & Engineering, Computer Applications and Information Technologies. Understanding ISC Mathematics, for class 11 - sections A, B & C, has been written by Mr. M.L. Aggarwal (Former Head of P.G. Department of Mathematics, D.A.V. College, Jalandhar) strictly according to the new syllabus prescribed by the Council for the Indian School Certificate Examinations, New Delhi in the year 2015 and onwards for students of class 11. A new feature - Typical Illustrative Examples and Typical Problems, has been added in some chapters for those students who want to attempt some more challenging problems. The entire matter in the book is given in a logical sequence so as to develop and strengthen the concepts of the students.

Nanostructured Zinc Oxide

Science For Tenth Class Part 1 Physics

Stories of Stolen Childhood

Strictly based on 20th September 2019 CBSE Sample Paper

Aieeee Physics

University Physics

Competition Science Vision (monthly magazine) is published by Pratiyogita Darpan Group in India and is one of the best Science monthly magazines available for medical entrance examination students in India. Well-qualified professionals of Physics, Chemistry, Zoology and Botany make contributions to this magazine and craft it with focus on providing complete and to-the-point study material for aspiring candidates. The magazine covers General Knowledge, Science and Technology news, Interviews of toppers of examinations, study material of Physics, Chemistry, Zoology and Botany with model papers, reasoning test questions, facts, quiz contest, general awareness and mental ability test in every monthly issue.

This two-volume set (CCIS 1045 and CCIS 1046) constitutes the refereed proceedings of the Third International Conference on Advances in Computing and Data Sciences, ICACDS 2019, held in Ghaziabad, India, in April 2019. The 112 full papers were carefully reviewed and selected from 621 submissions. The papers are centered around topics like advanced computing, data sciences, distributed systems organizing principles, development frameworks and environments, software verification and validation, computational complexity and cryptography, machine learning theory, database theory, probabilistic representations.

India is a country of great diversity. Commonly used indicators of 'quality of life' vary tremendously between states. Comparing experiences within India itself, these essays challenge purely economic judgements of the development process.

A series of six books for Classes IX and X according to the CBSE syllabus

Physics : Textbook For Class XI

Gateway to Science — Physics

Synthesis, Properties and Applications

Objective Physics for NEET

Physics for Class XI

The Civil List of Indian Police Service

Deep learning simplified by taking supervised, unsupervised, and reinforcement learning to the next level using the Python ecosystem Key Features Build deep learning models with transfer learning principles in Python implement transfer learning to solve real-world research problems Perform complex operations such as image captioning neural style transfer Book Description Transfer learning is a machine learning (ML) technique where knowledge gained during training a set of problems can be used to solve other similar problems. The purpose of this book is two-fold; firstly, we focus on detailed coverage of deep learning (DL) and transfer learning, comparing and contrasting the two with easy-to-follow concepts and examples. The second area of focus is real-world examples and research problems using TensorFlow, Keras, and the Python ecosystem with hands-on examples. The book starts with the key essential concepts of ML and DL, followed by depiction and coverage of important DL architectures such as convolutional neural networks (CNNs), deep neural networks (DNNs), recurrent neural networks (RNNs), long short-term memory (LSTM), and capsule networks. Our focus then shifts to transfer learning concepts, such as model freezing, fine-tuning, pre-trained models including VGG, inception, ResNet, and how these systems perform better than DL models with practical examples. In the concluding chapters, we will focus on a multitude of real-world case studies and problems associated with areas such as computer vision, audio analysis and natural language processing (NLP). By the end of this book, you will be able to implement both DL and transfer learning principles in your own systems. What you will learn Set up your own DL environment with graphics processing unit (GPU) and Cloud support Delve into transfer learning principles with ML and DL models Explore various DL architectures, including CNN, LSTM, and capsule networks Learn about data and network representation and loss functions Get to grips with models and strategies in transfer learning Walk through potential challenges in building complex transfer learning models from scratch Explore real-world research problems related to computer vision and audio analysis Understand how transfer learning can be leveraged in NLP Who this book is for Hands-On Transfer Learning with Python is for data scientists, machine learning engineers, analysts and developers with an interest in data and applying state-of-the-art transfer learning methodologies to solve tough real-world problems. Basic proficiency in machine learning and Python is required.

Physics for Class XIoxford University Press, USA

NEW VERSION: Available now based on the 20th September 2019 CBSE Sample Paper. This Maths (Standard) book is extra special as it was prepared by a CBSE author who knows about CBSE markings, official paper setting and CBSE Class 10th Exam patterns more than any other CBSE expert in the country. We were lucky to have him prepare the papers of this Maths book. It's been bought by more than 20,000+ students since it came out in October 2019 and is our best-seller already. This Book Covers the following: - 10 Practice Papers (solved) - 4 Self-assessment papers - CBSE September 2019 Sample Paper - CBSE March 2019 Board Paper (solved by topper) - CBSE 2018 Topper Answer Sheet Extra value items Added in this Book: - Utilising 15 minute reading time just before the exam (by CBSE topper) - Structuring your Maths Exam 3 hours smartly (by CBSE Markers) - 2020 marking scheme points (value points) underlined in each sample paper solution (CBSE markers look for these key points in your answers to allot full Marks). - The geometry section diagrams are accurately drawn to clear your understanding of all kinds of geometry questions that can appear in the upcoming February 2020 exam. A must buy book as vouched by many experts in Mathematics!

Objective Physics for NEET and Other Medical Examination has been written to build a firm foundation of the guiding principles of physics among the medical aspirants. It is mainly designed for NEET but would also be useful for other medical entrance examinations, such as AIIMS, JIPMER and state-level exams.

APC Understanding ISC Mathematics - Class 11 - Avichal Publishing Company

Frank ISC Economics Class XII

A Complete Course in ISC Physics

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

Advances in Computing and Data Sciences

Implement advanced deep learning and neural network models using TensorFlow and Keras

1. Accounting Equation, 2. Rules of Debit and Credit, 3. Recording of Business Transactions : Books of Original Entry—Journal, 4. Ledger, 5. Special Purpose (Subsidiary) Books (I) : Cash Book, 6. Special Purpose Subsidiary Books (II), 7. Bank Reconciliation Statement, 8. Trial Balance & Errors, 9. Depreciation, 10. Accounting for Bills of Exchange, 11. Rectification of Errors, 12. Capital and Revenue Expenditures and Receipts, 13. Financial Statements/Final Account (Without Adjustment), 14. Final Accounts (With Adjustment), 15. Accounts from Incomplete Records Or Single Entry System.

Here, for the first time, in a brilliant, panoramic portrait by the Pulitzer Prize-winning author of The Making of the Atomic Bomb, is the definitive, often shocking story of the politics and the science behind the development of the hydrogen bomb and the birth of the Cold War. Based on secret files in the United States and the former Soviet Union, this monumental work of history discloses how and why the United States decided to create the bomb that would dominate world politics for more than forty years.

With the newly introduced 2 Term Examination Pattern, CBSE has eased out the pressure of preparation of subjects and cope up with lengthy syllabus. Introducing Arihant's CBSE TERM II - 2022 Series, the first of its kind that gives complete emphasis on the rationalized syllabus of Class 9th to 12th. The all new "CBSE Term II 2022 - Chemistry" of Class 11th provides explanation and guidance to the syllabus required to study efficiently and succeed in the exams. The book provides topical coverage of all the chapters in a complete and comprehensive manner. Covering the 50% of syllabus as per Latest Term wise pattern 2021-22, this book consists of: 1. Complete Theory in each Chapter covering all topics 2. Case-Based, Short and Long Answer Type Question in each chapter 3. Coverage of NCERT, NCERT Exemplar & Board Exams' Questions 4. Complete and Detailed explanations for each question 5. 3 Practice papers based on the entire Term II Syllabus. Table of Content States of Matter: Gases and Liquids, Chemical Thermodynamics, Equilibrium, s - Block Element, Hydrocarbons, Practice Papers (1-3).

Money and Financial Systems by Dr. V. C. Sinha and Dr. J. C. Varshney is a publication of SBPD Publishing House, Agra. This book is addressed to the students of monetary economics. Much of the discussion in the book relates to the financial institutions, theory of money and credit supply and monetary and credit policy. In the 1990's, the economic reforms were started in the Indian economy and financial sector reforms were the key to these reforms. Therefore, in the past one decade or more, the financial sector in India has undergone historical changes. The authors have tried to incorporate all those changes in the book and have given the latest picture of the financial sector to the students.

Arihant CBSE Chemistry Term 2 Class 11 for 2022 Exam (Cover Theory and MCQs)

The Making Of The Hydrogen Bomb

Piezoelectric Energy Harvesting

Dark Sun

Problems & Solutions In Accountancy Class XI by Dr. S. K. Singh Dr. Sanjay Kumar Singh Shailesh Chauhan

CIRCULAR MOTION

Score Plus CBSE Question Bank and Sample Question Paper with Model Test Papers in Physics (Subject Code 042) CBSE Term II Exam 2021-22 for Class XII As per the latest CBSE Reduced Syllabus, Design of the Questions Paper, and the latest CBSE Sample Question Paper for the Board Examinations to be held in 2021. The latest CBSE Sample Question Paper 2020-21 (Solved) along with the marking scheme, released by the CBSE in October 2020 for the Board Examinations to be held in 2021. 10 Sample Papers (Solved) based on the latest Reduced Syllabus, Design of the Question Paper and the latest CBSE Sample Question Paper for the Board Examinations to be held in 2021. 10 Model Test Papers (Unsolved) based on the latest Reduced Syllabus, Design of the Question Paper and the latest CBSE Sample Question Paper for the Board Examinations to be held in 2021. Goyal Brothers Prakashan

Strictly according to the latest syllabus prescribed by Central Board of Secondary Education (CBSE), StateBoard and Navodaya, Kendriya Vidyalayas etc. following CBSE curriculum based on NCERT guidelines.

A sensitive, humorous novel on Hindu-Muslim relations, set in post-Independence India, by an eminent Hindi writer.

This text book is primarily intended for students who are preparing for the entrance tests of IIT-JEE/NEET/AIIMS and other esteemed colleges in same fields. This text is equally useful to the students preparing for their school exams. Our main goals in writing this text book are to present the basic concepts and principles of physics that students need to know for their competitive exams. 1. 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. 2. to develop students' problem-solving skills and confidence in a systematic manner. 3. to motivate students by integrating real-world examples that build upon their everyday experiences. Main Features of the Book- 1. Every concept is up to the mark and it 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 and solutions 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 all tricky topics (like- centripetal and tangential acceleration, uniform circular motion vs. projectile motion, relative angular velocity, centripetal and centrifugal forces, unbanked and banked curves, motion in a vertical circle, Coriolis force (optional), effect of rotation of earth on apparent weight and the physics of artificial gravity), 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.

Lakhmir Singh 's Science for Class 7

SBDP Publications (English)

S. Chand's ISC Commerce For Class XI (2021 Edition)

Concepts Of Physics

E-Book

The Autobiography of Nelson Mandela

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.

Case studies of economically disadvantaged children and their labor in different Indian industries.

The transformation of vibrations into electric energy through the use of piezoelectric devices is an exciting and rapidly developing area of research with a widening range of applications constantly materialising. With Piezoelectric Energy Harvesting, world-leading researchers provide a timely and comprehensive coverage of the electromechanical modelling and applications of piezoelectric energy harvesters. They present principal modelling approaches, synthesizing fundamental material related to mechanical, aerospace, civil, electrical and materials engineering disciplines for vibration-based energy harvesting using piezoelectric transduction. Piezoelectric Energy Harvesting provides the first comprehensive treatment of distributed-parameter electromechanical modelling for piezoelectric energy harvesting with extensive case studies including experimental validations, and is the first book to address modelling of various forms of excitation in piezoelectric energy harvesting, ranging from airflow excitation to moving loads, thus ensuring its relevance to engineers in fields as disparate as aerospace engineering and civil engineering. Coverage includes: Analytical and approximate analytical distributed-parameter electromechanical models with illustrative theoretical case studies as well as extensive experimental validations Several problems of piezoelectric energy harvesting ranging from simple harmonic excitation to random vibration Details of introducing and modelling piezoelectric coupling for various problems Modelling and exploiting nonlinear dynamics for performance enhancement, supported with experimental verifications Applications ranging from moving load excitation of slender bridges to airflow excitation of aeroelastic sections A review of standard nonlinear energy harvesting circuits with modelling aspects.

Lakhmir Singh's Science is a series of books which conforms to the NCERT syllabus. The main aim of writing this series is to help students understand difficult scientific concepts in a simple manner in easy language. The ebook version does not contain CD.

A Textbook Of Discrete Mathematics

The Gist of NCERT - Geography

Money and Financial Systems (Latest Edition)

Indian Development

Handbook of Microemulsion Science and Technology

Physics Class -XI With Cd-Rom

"University Physics is a three-volume collection that meets the scope and sequence requirements for two- and three-semester calculus-based physics courses. Volume 1 covers mechanics, sound, oscillations, and waves. This textbook emphasizes connections between theory and application, making physics concepts interesting and accessible to students while maintaining the mathematical rigor inherent in the subject. Frequent, strong examples focus on how to approach a problem, how to work with the equations, and how to check and generalize the result."--Open

Textbook Library.

S Chand's ISC Mathematics is structured according to the latest syllabus as per the new CISCE(Council for the Indian School Certificate Examinations), New Delhi, for ISC students taking classes XI & XII examinations.

Extremely useful for UPSC, IAS, PCS, Civil Services, SSC, IBPS, UGC, CBSE, CLAT, related Govt Recruitment Exams

This essential core textbook has been written for the Intermediate First Year Physics Course. The book aims to help students understand that equations in physics express concepts, and encourages them to reason out ideas and improve their problem solving skills. The need to understand logic, basic concepts, and principles of physics has been stressed throughout the text. Numerous examples are given within the text to help students understand the principles and concepts being discussed and at the end of each chapter qualitative questions are given for students to solve. Simple mathematics has been used throughout and the book is well illustrated.

Educart CBSE Maths Standard Sample Question Papers For Class 10 (For March 2020 Exam)

Answers to Even Numbered Problems

Long Walk to Freedom

Hands-On Transfer Learning with Python

Topi Shukla

Score Plus CBSE Question Bank and Sample Question Paper with Model Test Papers in Physics (Subject Code 042) CBSE Term II Exam 2021-22 for Class XII

Demonstrating methods for overcoming stability issues in paints, wax dispersions, cosmetics, food products, and other industrial applications, this reference probes theoretical and practical issues surrounding microemulsion science and technology. Featuring the work of 51 international experts and containing almost 1000 instructive tables, equations, and illustrations, this book reviews the performance of, and prospects for, experimental methods such as X-ray diffraction, transmission electron microscopy (TEM), light scattering, small angle neutron scattering, viscosimetry, and nuclear magnetic resonance (NMR) to characterize various aspects of the dispersed phase of microemulsions.

The book that inspired the major new motion picture Mandela: Long Walk to Freedom. Nelson Mandela is one of the great moral and political leaders of our time: an international hero whose lifelong dedication to the fight against racial oppression in South Africa won him the Nobel Peace Prize and the presidency of his country. Since his triumphant release in 1990 from more than a quarter-century of imprisonment, Mandela has been at the center of the most compelling and inspiring political drama in the world. As president of the African National Congress and head of South Africa's antiapartheid movement, he was instrumental in moving the nation toward multiracial government and majority rule. He is revered everywhere as a vital force in the fight for human rights and racial equality. LONG WALK TO FREEDOM is his moving and exhilarating autobiography, destined to take its place among the finest memoirs of history's greatest figures. Here for the first time, Nelson Rolihlahla Mandela tells the extraordinary story of his life--an epic of struggle, setback, renewed hope, and ultimate triumph.

Nanostructured Zinc Oxide covers the various routes for the synthesis of different types of nanostructured zinc oxide including: 1D (nanorods, nanowires etc.), 2D and 3D (nanosheets, nanoparticles, nanospheres etc.). This comprehensive overview provides readers with a clear understanding of the various parameters controlling morphologies. The book also reviews key properties of ZnO including optical, electronic, thermal, piezoelectric and surface properties and techniques in order to tailor key properties. There is a large emphasis in the book on ZnO nanostructures and their role in optoelectronics. ZnO is very interesting and widely investigated material for a number of applications. This book presents up-to-date information about the ZnO nanostructures-based applications such as gas sensing, pH sensing, photocatalysis, antibacterial activity, drug delivery, and electrodes for optoelectronics. Reviews methods to synthesize, tailor, and characterize 1D, 2D, and 3D zinc oxide nanostructured materials Discusses key properties of zinc oxide nanostructured materials including optical, electronic, thermal, piezoelectric, and surface properties Addresses most relevant zinc oxide applications in optoelectronics such as light-emitting diodes, solar cells, and sensors

SBPD Publishing House

Third International Conference, ICACDS 2019, Ghaziabad, India, April 12-13, 2019, Revised Selected Papers, Part II

ISC Mathematics book 1 for Class- 11

Competition Science Vision

Selected Regional Perspectives

Gateway to Science — Physics for Class X