

Modern Abc Of Physics Satish Gupta

Basic Laws of Electromagnetism
 Intelligent Computing Techniques for Smart Energy Systems
 Chapterwise MCQs Book for Commerce Stream : ISC Class 12 for Semester I 2021 Exam
 Comprehensive Practical Chemistry XII
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 Disease Problems in Vegetable Production, 2nd Ed.
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 EXAFS and Near Edge Structure
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 JEE Advanced Physics - Modern Physics
 Some Remarks
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 Concepts and Principles of Pharmacology
 Comprehensive Chemistry XI
 Conceptual Chemistry Volume I For Class XI
 Comprehensive Chemistry
 S. Chand's Principle Of Physics -XII
 Cognitive Computing and Information Processing
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 Fuzzy Fractional Differential Operators and Equations
 Health-Physical Edn-TB-11_E-R2
 Foundations of Library and Information Science
 Springer Handbook of Automation
 Recent Indian Publications on Display at World Book Fair
 Unique Physics of Light and Astronomy
 Silicon Carbide Micro Electromechanical Systems for Harsh Environments
 Science For Ninth Class Part 3 Biology
 New Pattern lit Jee Physics
 Diseases of Vegetable Ornamental and Spice Crops
 S. Chand's Principles Of Physics For XI
 S.Chand's Mathematics -XII (Vol-I)

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Basic Laws of Electromagnetism S. Chand Publishing
 Perform well in Semester 1 Exam for ISC 12th Class with newly introduced Oswal - Gurukul Chapterwise MCQs Commerce Stream for 2021 Exam. This practice book includes Science Stream subject papers such as English, Maths, Economics, Accounts, Commerce, Computer science. How can you benefit from Oswal - Gurukul ISC Chapterwise MCQs for 12th Class Commerce? We have designed the book based on the Modified Assessment Plan issued by the Board on August 6, 2021. Students can attempt the questions even in changing scenarios and exam patterns. Our Comprehensive Handbook Includes questions segregated chapter wise which enable Class 12 ISC students' to concentrate properly on one chapter at a time. 1. Strictly followed the Specimen Question Pattern released by CISCE in August 2021 2. Content is purely based on the Latest Reduced Syllabus issued by the Board on July 19, 2021 3. 2500+ Chapter Wise Multiple Choice Questions for intensive practice 4. Includes all types of MCQs such as Diagram based Questions, Case based questions, Fill in the blanks, Numerical questions, Comprehension Questions 5.

Word of Advice by Experts to avoid common mistakes 6. Last minute revision with Chapter at a Glance 7. Fully Solved New Specimen Question Papers

Intelligent Computing Techniques for Smart Energy Systems
 Springer Nature

This book constitutes the refereed proceedings of the Third International Conference on Cognitive Computing and Information Processing, CCIP 2017, held in Bengaluru, India, in December 2017. The 43 revised full papers presented were carefully reviewed and selected from 130 submissions. The papers are organized in topical sections on cognitive computing in medical information processing; cognitive computing and its applications; cognitive computing in video analytics.

Chapterwise MCQs Book for Commerce Stream : ISC Class 12 for Semester I 2021 Exam Oswal Publishers

This unique book describes the science and technology of silicon carbide (SiC) microelectromechanical systems (MEMS), from the creation of SiC material to the formation of final system, through various expert contributions by several leading key figures in the field. The book contains high-quality up-to-date scientific information concerning SiC MEMS for harsh environments summarized concisely for students, academics, engineers and

researchers in the field of SiC MEMS. This is the only book that addresses in a comprehensive manner the main advantages of SiC as a MEMS material for applications in high temperature and harsh environments, as well as approaches to the relevant technologies, with a view progressing towards the final product. Sample Chapter(s). Chapter 1: Introduction to Silicon Carbide (SiC) Microelectromechanical Systems (MEMS) (800 KB).

Contents: Introduction to Silicon Carbide (SiC) Microelectromechanical Systems (MEMS) (R Cheung); Deposition Techniques for SiC MEMS (C A Zorman et al.); Review of Issues Pertaining to the Development of Contacts to Silicon Carbide: 1996OCO2002 (L M Porter & F A Mohammad); Dry Etching of SiC (S J Pearton); Design, Performance and Applications of SiC MEMS (S Zappe). Readership: Academic researchers in MEMS and industrial engineers engaged in SiC MEMS research."

Comprehensive Practical Chemistry XII S. Chand Publishing Includes section "Reviews and notices of books".

The Modern Review Bloomsbury Publishing

World-renowned economist Klaus Schwab, Founder and Executive Chairman of the World Economic Forum, explains that we have an opportunity to shape the fourth industrial revolution, which will fundamentally alter how we live and work. Schwab argues that this revolution is different in scale, scope and complexity from any that have come before. Characterized by a range of new technologies that are fusing the physical, digital and biological worlds, the developments are affecting all disciplines, economies, industries and governments, and even challenging ideas about what it means to be human. Artificial intelligence is already all around us, from supercomputers, drones and virtual assistants to 3D printing, DNA sequencing, smart thermostats, wearable sensors and microchips smaller than a grain of sand. But this is just the beginning: nanomaterials 200 times stronger than steel and a million times thinner than a strand of hair and the first transplant of a 3D printed liver are already in development. Imagine "smart factories" in which global systems of manufacturing are coordinated virtually, or implantable mobile phones made of biosynthetic materials. The fourth industrial revolution, says Schwab, is more significant, and its ramifications more profound, than in any prior period of human history. He outlines the key technologies driving this revolution and discusses the major impacts expected on government, business, civil society and individuals. Schwab also offers bold ideas on how to harness these changes and shape a better future—one in which technology empowers people rather than replaces them; progress serves society rather than disrupts it; and in which innovators respect moral and ethical boundaries rather than cross them. We all have the opportunity to contribute to developing new frameworks that advance progress.

Academic Writing S. Chand Publishing

The book entitled "Disease Problems in Vegetable Production" 2nd edition, is specifically prepared for under and post graduate students in Agriculture/ Horticulture and range of professionals including teachers, researchers, extension plant pathologists and elite vegetable growers. The book gives a comprehensive overview of economic importance, symptomatology, etiology, predisposing factors and management of vegetable diseases employing cultural, biological, host resistance, plant extracts and chemical methods as such and in an integrated approach so that the ravages due to the diseases remain below economic threshold level. A total of 19 chapters dealing with important diseases of vegetables like potato, tomato, crucifers, cucurbits, pea, French bean, chillies and bell pepper, onion, garlic, eggplant, carrot, sugar beet, colocasia, okra and leafy vegetables have been compiled in this book. Two new chapters on diseases of ginger and diseases of vegetables under protected cultivation as

well as some important diseases of different vegetable crops left out in the first edition have been added in this edition. Besides, the book also includes chapters on common pathogens of vegetable crops, disease problems in nurseries, post harvest diseases and diseases caused by nematodes. All chapters have been updated in the light of available literature up to 2017. Symptoms, disease cycles of important diseases and different structures of pathogen(s) have also been given in the book that will not only help in better diagnosis and understanding of the perpetuation and spread of the causal pathogens but will also help in the management of these diseases more effectively. Coloured photographs of disease symptoms have also been included for easy identification of vegetable diseases.

Disease Problems in Vegetable Production, 2nd Ed. S. Chand Publishing

In this book, a global team of experts from academia, research institutes and industry presents their vision on how new nano-chip architectures will enable the performance and energy efficiency needed for AI-driven advancements in autonomous mobility, healthcare, and man-machine cooperation. Recent reviews of the status quo, as presented in CHIPS 2020 (Springer), have prompted the need for an urgent reassessment of opportunities in nanoelectronic information technology. As such, this book explores the foundations of a new era in nanoelectronics that will drive progress in intelligent chip systems for energy-efficient information technology, on-chip deep learning for data analytics, and quantum computing. Given its scope, this book provides a timely compendium that hopes to inspire and shape the future of nanoelectronics in the decades to come.

Comprehensive Physics XI Springer Nature

The field of X-ray spectroscopy using synchrotron radiation is growing so rapidly and expanding into such different research areas that it is now difficult to keep up with the literature. EXAFS and XANES are becoming interdisciplinary methods used in solid-state physics, biology, and chemistry, and are making impressive contributions to these branches of science. The present book gives a panorama of the research activity in this field. It contains the papers presented at the International Conference on EXAFS and Near Edge Structure held in Frascati, Italy, September 13-17, 1982. This was the first international conference devoted to EXAFS spectroscopy (Extended X-ray Absorption Fine Structure) and its applications. The other topic of the conference was the new XANES (X-ray Absorption Near Edge Structure), which in of experimental and theoretical developments finally appears to have terms left its infancy. The applications of EXAFS concern the determination of local structures in complex systems; we have therefore divided the subject matter into different parts on various types of materials: amorphous metals, glasses, solutions, biological systems, catalysts, and special crystals such as mixed valence systems and ionic conductors. EXAFS provides unique information for each kind of system, but the analysis of EXAFS data also poses special problems in each case. General problems of EXAFS data analysis are discussed, as well as developments in instrumentation for X-ray absorption using synchrotron radiation and laboratory EXAFS.

India's Approach to Asia John Wiley & Sons

For Class XII Senior Secondary Certificate Examinations of C.B.S.E., other Boards of Education and various Engineering Entrance Examinations.

Technology in Forensic Science Crown Currency

Like Guy Fawkes in early 17th-century Britain, L. Sergius Catilina was a threat to the constitution imposed on Rome by Sulla in the mid-1st century BC. His aim at first was to reach the consulship, the summit of power at Rome, by conventional means, but he

lacked the money and support to win his way to the top, unlike two contemporaries of greater means and talent: the orator Cicero and the military man Pompey the Great. Defeated for the third time, Catiline took to revolution with a substantial following: destitute farmers, impoverished landowners, discontented Italians and debtors of all kinds. But they could not stand up to the forces of law and order and the rebellion was quashed. For the controversy that still surrounds it, the personalities involved, the distinction of the writers such as Cicero and Sallust, who are our main sources of information for it, this episode remains one of the most significant in late Republican history. This volume gives an energetic and appealing overview of the events, their sources, and the arguments of modern historians looking back at this controversial period. Accessible for students, but useful also for more experienced scholars, this is the perfect introduction not only to a specific historical episode, but also to the problems of tackling ancient sources as evidence.

NANO-CHIPS 2030 World Scientific

This book contains new and useful materials concerning fuzzy fractional differential and integral operators and their relationship. As the title of the book suggests, the fuzzy subject matter is one of the most important tools discussed. Therefore, it begins by providing a brief but important and new description of fuzzy sets and the computational calculus they require. Fuzzy fractals and fractional operators have a broad range of applications in the engineering, medical and economic sciences. Although these operators have been addressed briefly in previous papers, this book represents the first comprehensive collection of all relevant explanations. Most of the real problems in the biological and engineering sciences involve dynamic models, which are defined by fuzzy fractional operators in the form of fuzzy fractional initial value problems. Another important goal of this book is to solve these systems and analyze their solutions both theoretically and numerically. Given the content covered, the book will benefit all researchers and students in the mathematical and computer sciences, but also the engineering sciences.

EXAFS and Near Edge Structure Mapin Publishing Pvt

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

Industrial Automation and Robotics Springer Nature

This handbook incorporates new developments in automation. It also presents a widespread and well-structured conglomeration of new emerging application areas, such as medical systems and health, transportation, security and maintenance, service, construction and retail as well as production or logistics. The handbook is not only an ideal resource for automation experts but also for people new to this expanding field.

The Eyes of the Thar Imperial College Press

#1 New York Times bestselling author Neal Stephenson is, quite simply, one of the best and most respected writers alive. He's taken sf to places it's never been (Snow Crash, Anathem). He's reinvented the historical novel (The Baroque Cycle), the international thriller (Reamde), and both at the same time (Cryptonomicon). Now he treats his legion of fans to *Some Remarks*, an enthralling collection of essays—Stephenson's first nonfiction work since his long essay on technology, *In the Beginning...Was the Command Line*, more than a decade ago—as well as new and previously published short writings both fiction and non. *Some Remarks* is a magnificent showcase of a brilliantly inventive mind and talent, as he discourses on everything from Sir Isaac Newton to Star Wars.

Fundamentals of Physics S. Chand's Principles Of Physics For XI

The book compiles the research works related to smart solutions concept in context to smart energy systems, maintaining

electrical grid discipline and resiliency, computational collective intelligence consisted of interaction between smart devices, smart environments and smart interactions, as well as information technology support for such areas. It includes high-quality papers presented in the International Conference on Intelligent Computing Techniques for Smart Energy Systems organized by Manipal University Jaipur. This book will motivate scholars to work in these areas. The book also prophesies their approach to be used for the business and the humanitarian technology development as research proposal to various government organizations for funding approval.

JEE Advanced Physics - Modern Physics Scientific Publishers

Talks about the desert in western Rajasthan. This title takes the reader on a journey through the carved havelis, the frescoed walls, the wondrous life of royalty and the colours of desert fairs, to the vast open expanses of the dunes with nomads on camel backs winding their way through eternity.

Some Remarks Laxmi Publications

Offers wide ranging divergent perspectives on India's role in managing and shaping Asian security. Issues that are dealt with include major power rivalries, tensions over disputed territories, freedom of Sea Lanes of Communications, security dilemmas, the robustness of regional institutional mechanisms, India's strategic partnerships and the perspectives of major actors like the US, Russia, and China.

The Fourth Industrial Revolution Stylus Publishing, LLC

The focus of *Unique Physics of Light and Astronomy*, a brand new title from Professor Kadakia, is on the processes responsible for the creation of light and its interaction with matter. After several years of extensive research in light wave physics, the author realized that several past physicists had left unexplained gaps in their theories characterizing the behavior of radiation entities in general, and light waves in particular. Though Einstein had postulated a dual nature of light and radiation, namely a particle and a wave, which travelled at a constant speed c in space, he did not describe the physical phenomenon for the origination of radiant energy. In this text book, we reveal the unique events surrounding the creation of light and radiation waves. They are germinated from a quantum phenomenon, electrons dissipate energy during orbital transitions, inherently due to a quantized change in their energy states while performing oscillations within electrostatic charge field of protons. Thus, the frequencies and the speed of all radiation is set by the reverberation of the charge field that is independent of the motion of atoms and objects. Moreover, various types of radiation is thus considered as manifestations of oscillations of the charge field at different frequencies and, therefore, are not electromagnetic in nature. The readers of this text will be amazed by the several stunning breakthrough ideas presented here. For instance, we developed a novel concept for the probability of finding a radiation quantum in Richard Feynman's QED that is determined from the wave function of a particle electron that creates the radiation. Another remarkable fact that is postulated by us is that "Black Holes" do not possess a singularity, as was made popular by Stephen Hawking, inasmuch as they are quark stars in reality. Finally, we proudly announce that we have revised the most celebrated mass-energy equivalence expression, as postulated by Albert Einstein, for translation of matter into energy $E = mc^2$ to new a relationship to wit: $E = \Sigma m_{\text{neutrino}}c^2 + \Sigma h\nu_{\text{radiation}}$.

Concepts and Principles of Pharmacology New Saraswati

House India Pvt Ltd

Conceptual Chemistry Volume I For Class XI

CRC Press

The book "Technology in Forensic Science" provides an

integrated approach by reviewing the usage of modern forensic tools as well as the methods for interpretation of the results. Starting with best practices on sample taking, the book then reviews analytical methods such as high-resolution microscopy and chromatography, biometric approaches, and advanced

sensor technology as well as emerging technologies such as nanotechnology and taggant technology. It concludes with an outlook to emerging methods such as AI-based approaches to forensic investigations.

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