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Natural Language Processing with Spark NLP Selected Papers (1945-1980), with Commentary **Selected Papers (1945?1980) of Chen Ning Yang** New Pattern NTA JEE Main 2020 Resource Book (Solved 2002 - 2019 Papers + 24 Part Tests + 10 Mock Tests) with 5 Online Tests 7th Edition Adventures in Theoretical Physics SSC Multi Tasking Non Technical 20 Practice Sets and 20 Solved Papers 2022 Oswaal ICSE Question Bank Class 9 History and Civics Book (For 2023 Exam) *Oswaal ICSE Question Bank Class 9 Commercial Studies Book (For 2023 Exam)* Michael Atiyah Collected Works **The Changing Frontier Nanostructures for Antimicrobial Therapy** *Sociophysics: An Introduction* Heavy Particles And Flavours - Proceedings Of Lishep 2018 **SSC Multi Tasking Non Technical Guide 2022** The Deep Universe **Practical Physics Oswaal Karnataka PUE Solved Papers I PUC Accountancy Chapterwise & Topicwise (For 2023 Exam) Oswaal Karnataka PUE Solved Papers I PUC Economics Book Chapterwise & Topicwise (For 2023 Exam)** *Oswaal Karnataka PUE Solved Papers I PUC Business Studies Book Chapterwise & Topicwise (For 2023 Exam)* **The SCOPUS Diaries and the (il)logics of Academic Survival From Nuclei to Stars Oswaal Karnataka PUE Solved Papers II PUC Biology Book Chapterwise & Topicwise (For 2023 Exam) Reliability Abstracts and Technical Reviews** *Improving Math and Science Education So that No Child is Left Behind Memorial Volume For Stanley Mandelstam Academic Discourse Across Disciplines* **Lasers in the Conservation of Artworks VIII Applied Mechanics Reviews** From Quantum to Classical *A NEE(A)T CONUNDRUM* The Birth of String Theory Quantifying Research Integrity **Selected Papers of J. Robert Schrieffer** *Opera, en anglois, avec notes par P. Shaw Algebraic Structures and Their Representations* Exam Scorer Science - Class XI (Chapterwise MCQs with 5 solved Model Papers for 2020 EXAM) **Oswaal ICSE Question Bank Class 10 English Paper-1 Language Book (For 2023 Exam) Exam Scorer Science - Class XI (Chapterwise MCQs with 5 solved Model Papers for 2022 EXAM) - Jharkhand Oswaal ICSE Question Bank Class 9 Geography Book (For 2023 Exam)** Einstein's Miraculous Year

From Nuclei to Stars Feb 13 2021 In one way or another, Gerry Brown has been concerned with questions about the universe, about its vast expanse as well as about its most miniscule fundamental constituents of matter throughout his entire life. In his endeavours to understand the universe in many manifestations from nuclei all the way to the stars, he has been influenced by some of the most prominent physicists of the 20th century, and he himself, in turn, has influenced a great many scholars. This volume, a collection of articles dedicated to Gerry on his 85th birthday, contains discussions of many of the issues which have attracted his interest over the years. The contributions are written by his former students, co-authors, colleagues and admirers and they are strongly influenced by Gerry's own scientific tastes. With this compilation we want to express our respect, admiration and gratitude; we want to celebrate Gerry's scientific and scholarly achievements, the inspirational quality of his teaching and the enthusiasm which he himself displayed in his research and which stimulated so many of his students and colleagues over the decades. Contents:What is the Universe? G E Brown — His Life and Work (Sabine Lee)Toward a Fully Relativistic Theory of Quantum Information (Christoph Adami)Hadron Production in Ultra-relativistic Nuclear Collisions and the QCD Phase Diagram: an Update (P Braun-Munzinger and J Stachel)The Nuclear Shell Model for Nuclei in the Region of 208Pb (B Alex Brown)Nuclear Medium Effects from Hadronic Atoms (E Friedman and A Gal)Three-Body Interactions in Fermi Systems (B Friman and A Schwenk)Meson Assisted Strange Dibaryons (A Gal)Lattice Nuclear Force (T Hatsuda)Density-Dependent Nuclear Interactions and the Beta Decay of 14C: Chiral Three-Nucleon Forces and Brown-Rho Scaling (J W Holt, N Kaiser and W Weise)Effective Field Theory and High-Precision Calculations of Nuclear Electroweak Processes (Kuniharu Kubodera and Mannque Rho)The Vlow-k Low-Momentum Interaction and its Application to Finite-Nuclei and Neutron Stars (T T S Kuo)What a Two Solar Mass Neutron Star Really Means (James M Lattimer and Madappa Prakash)Formation and Evolution of Black Hole Binaries in the Galaxy (Chang-Hwan Lee)Chiral Symmetry and the Nucleon-Nucleon Interaction (R Machleidt and D R Entem)Chiral Symmetry, Nuclear Forces and All That (Ulf-G Meiβner)Transport Properties of a Non-Relativistic Delta-Shell Gas with Long Scattering Lengths (Sergey Postnikov and Madappa Prakash)Subtle is the Manifestation of Chiral Symmetry in Nuclei and Dense Nuclear Matter (Mannque Rho)Multi-W-Z-top Bags, and their Possible Role in Cosmological Baryogenesis (Edward Shuryak)Theory of Finite Fermi Systems — The Stony Brook Jülich Interaction (J Speth, S Krewald and F Grümmer)Separation Energy, Rearrangement Energy and Single Nucleon Wave Functions in Nuclei (Igal Talmi)Holographic Nucleons (Ismail Zahed) Readership: Students, researchers and academics interested in nuclear physics, quantum physics and astrophysics. Keywords:Nuclear Physics;QED;Astrophysics;History of Physics;Quantumchromodynamics

The Changing Frontier Jan 27 2022 In 1945, Vannevar Bush, founder of Raytheon and one-time engineering dean at MIT, delivered a report to the president of the United States that argued for the importance of public support for science, and the importance of science for the future of the nation. The report, Science: The Endless Frontier, set America on a path toward strong and well-funded institutions of science, creating an intellectual architecture that still defines scientific endeavor today. In The Changing Frontier, Adam B. Jaffe and Benjamin Jones bring together a group of prominent scholars to consider the changes in science and innovation in the ensuing decades. The contributors take on such topics as changes in the organization of scientific research, the geography of innovation, modes of entrepreneurship, and the structure of research institutions and linkages between science and innovation. An important analysis of where science stands today, The Changing Frontier will be invaluable to practitioners and policy makers alike.

SSC Multi Tasking Non Technical 20 Practice Sets and 20 Solved Papers 2022 May 31 2022 SSC MTS exam is conducted by the Staff Selection Commission every year to recruit eligible candidates for the post of Multi-tasking Staff in various central government departments, ministries and offices. 1. Complete exercise manual for the aspirants. 2. Divided into two sections. 3. 20 solved papers for proper exposure of examination pattern. 4. 20 Practice sets and 4000 objective questions for rigorous practice. All the aspirants who aspire to make their careers in the Government sector, we present to you the newly updated edition of “SSC Multitasking (Non – Technical) Recruitment Practice Sets”, which has been comprised carefully, according to the examination pattern that serves as a complete exercise manual for the aspirants. Equipped with 20 Solved papers, this book provides insights of the question type and examination pattern. Each and every solved paper comprises of questions from Previous Years’ examination and 100% detailed solutions to help the students in speeding up their preparation. Apart from this, 20 Practice Sets along with 4000 objective questions have also been provided to help in self-assessment and thorough practice. Each practice set is formulated according to the online based examination pattern. With an easy to understand language and exam friendly concepts, this book is a total package of preparation. TOC Solved Papers [1-20], Practice sets [1-20]

Selected Papers of J. Robert Schrieffer Feb 02 2020 Presents papers by theoretical physicist J. Robert Schrieffer on topics in superconductivity and condensed matter physics.

The SCOPUS Diaries and the (il)logics of Academic Survival Mar 17 2021 Now that academics are required to be teachers, managers, media catalyzers, analysts, fundraisers, and social media animals: How do you strike a good balance between what is expected from you and what you want to do? What conferences to attend? How to find the money to go there? Is it worth it to act as a peer reviewer? What publishers are best to target? Is publishing a chapter in an edited book worth the work? This book is intended to help scholars to design and think strategically about their own career. Beginning with “How to get published in good journals,” it explores a number of questions that most academics encounter at various stages of their careers.

Natural Language Processing with Spark NLP Nov 05 2022 If you want to build an enterprise-quality application that uses natural language text but aren’t sure where to begin or what tools to use, this practical guide will help get you started. Alex Thomas, principal data scientist at Wisecube, shows software engineers and data scientists how to build scalable natural language processing (NLP) applications using deep learning and the

Apache Spark NLP library. Through concrete examples, practical and theoretical explanations, and hands-on exercises for using NLP on the Spark processing framework, this book teaches you everything from basic linguistics and writing systems to sentiment analysis and search engines. You'll also explore special concerns for developing text-based applications, such as performance. In four sections, you'll learn NLP basics and building blocks before diving into application and system building: Basics: Understand the fundamentals of natural language processing, NLP on Apache Stark, and deep learning Building blocks: Learn techniques for building NLP applications—including tokenization, sentence segmentation, and named-entity recognition—and discover how and why they work Applications: Explore the design, development, and experimentation process for building your own NLP applications Building NLP systems: Consider options for productionizing and deploying NLP models, including which human languages to support

Lasers in the Conservation of Artworks VIII Aug 10 2020 Laser techniques offer possibilities for the examination and conservation of artwork, and for the prevention of cultural heritage. This collection of peer reviewed papers from the 8th International Conference on Lasers in the Conservation of Artworks, Sibiu, Romania, September 21-25, 2009, addresses various aspects of cultural heritage preservation

Academic Discourse Across Disciplines Sep 10 2020 This volume reflects the emerging interest in cross-disciplinary variation in both spoken and written academic English, exploring the conventions and modes of persuasion characteristic of different disciplines and which help define academic inquiry. This collection brings together chapters by applied linguists and EAP practitioners from seven different countries. The authors draw on various specialised spoken and written corpora to illustrate the notion of variation and to explore the concept of discipline and the different methodologies they use to investigate these corpora. The book also seeks to make explicit the valuable links that can be made between research into academic speech and writing as text, as process, and as social practice.

Reliability Abstracts and Technical Reviews Dec 14 2020

Practical Physics Jul 21 2021 Practical Physics demonstrates the purposive and critical approach that should be made to all experimental work in physics. It does not describe a systematic course of experiments, but is intended as a companion to any undergraduate course of practical work. The text is in three parts. The first deals with the statistical treatment of data, the second with experimental methods, and the third with such essential matters as keeping efficient records, accuracy in calculations, and scientific writing. The text is liberally illustrated with examples and exercises, with solutions to the latter. The new edition includes a treatment of the $\chi 2$ distribution, a section on atomic clocks, worked examples based on spreadsheets, and additional exercises. Existing examples and references have been brought up to date. Although intended for undergraduates, Practical Physics has proved of interest to school-students, teachers, and researchers, not only in physics, but also in other branches of science.

Sociophysics: An Introduction Nov 24 2021 This book discusses the study and analysis of the physical aspects of social systems and models, inspired by the analogy with familiar models of physical systems and possible applications of statistical physics tools. Unlike the traditional analysis of the physics of macroscopic many-body or condensed matter systems, which is now an established and mature subject, the upsurge in the physical analysis and modelling of social systems, which are clearly many-body dynamical systems, is a recent phenomenon. Though the major developments in sociophysics have taken place only recently, the earliest attempts of proposing "Social Physics" as a discipline are more than one and a half centuries old. Various developments in the mainstream physics of condensed matter systems have inspired and induced the recent growth of sociophysical analysis and models. In spite of the tremendous efforts of many scientists in recent years, the subject is still in its infancy and major challenges are yet to be taken up. An introduction to these challenges is the main motivation for this book.

Improving Math and Science Education So that No Child is Left Behind Nov 12 2020

Oswaal ICSE Question Bank Class 10 English Paper-1 Language Book (For 2023 Exam) Sep 30 2019 • CISCE Syllabus:Strictly as per the latest Revised syllabus dated on 21th May 2022 for Board 2023 Exam. • Latest Updations: Some more benefits students get from the revised edition are as follow: Ø Topic wise / Concept wise segregation of chapters Ø Important Key terms for quick recall of the concepts. Ø Practice questions in the chapters for better practice Ø Unit wise Practice papers as per board pattern for self-evaluation. Ø Semester1 Board Papers & Semester II Specimen Papers merged chapter-wise Ø Semester II Board Papers fully solved on top • Revision Notes : Chapter wise and Topic wise for in-depth study • Mind Maps & Mnemonics: (Only PCMB) for quick learning • Self -Assessment Tests for self-preparation. • Concept videos for blended learning • Exam Questions: Previous Years' Examination Questions and Answers with detailed explanation to facilitate exam-oriented preparation. • Examiner's Comments & Answering Tips to aid in exam preparation. • Academically important Questions (AI)look out for highly expected questions for upcoming g exam • ICSE & ISC Marking scheme answers: Previous year's board marking scheme • Toppers answers: Latest Toppers hand written answer sheet. • Reflections at the end of each chapter to get clarity about the expected learning outcomes

Selected Papers (1945?1980) of Chen Ning Yang Sep 03 2022

Opera, en anglois, avec notes par P. Shaw Jan 03 2020

Oswaal Karnataka PUE Solved Papers I PUC Business Studies Book Chapterwise & Topicwise (For 2023 Exam) Apr 17 2021 • Latest Solved Paper with Scheme of Valuation-2022. • Strictly as per the latest syllabus, blueprint & design of the question paper. • All Typologies-Objective, VSA, SA & Essay Types Questions • Previous Years' Exam(2011-2022) Questions with Scheme of Valuation • NCERT Textbook Questions fully solved • PUE Question Bank Fully solved • Revision notes, Mind Maps & Concept videos for clarity of Concepts

Michael Atiyah Collected Works Feb 25 2022 Professor Atiyah is one of the greatest living mathematicians and is renowned in the mathematical world. He is a recipient of the Fields Medal, the mathematical equivalent of the Nobel Prize, and is still actively involved in the mathematics community. His huge number of published papers, focusing on the areas of algebraic geometry and topology, have here been collected into seven volumes, with the first five volumes divided thematically and the sixth and seventh arranged by date. This seventh volume in Michael Atiyah's Collected Works contains a selection of his publications between 2002 and 2013, including his work on skyrmions; K-theory and cohomology; geometric models of matter; curvature, cones and characteristic numbers; and reflections on the work of Riemann, Einstein and Bott.

Quantifying Research Integrity Mar 05 2020 Institutions typically treat research integrity violations as black and white, right or wrong. The result is that the wide range of grayscale nuances that separate accident, carelessness, and bad practice from deliberate fraud and malpractice often get lost. This lecture looks at how to quantify the grayscale range in three kinds of research integrity violations: plagiarism, data falsification, and image manipulation. Quantification works best with plagiarism, because the essential one-to-one matching algorithms are well known and established tools for detecting when matches exist. Questions remain, however, of how many matching words of what kind in what location in which discipline constitute reasonable suspicion of fraudulent intent. Different disciplines take different perspectives on quantity and location. Quantification is harder with data falsification, because the original data are often not available, and because experimental replication remains surprisingly difficult. The same is true with image manipulation, where tools exist for detecting certain kinds of manipulations, but where the tools are also easily defeated. This lecture looks at how to prevent violations of research integrity from a pragmatic viewpoint, and at what steps can institutions and publishers take to discourage problems beyond the usual ethical admonitions. There are no simple answers, but two measures can help: the systematic use of detection tools and requiring original data and images. These alone do not suffice, but they represent a start. The scholarly community needs a better awareness of the complexity of research integrity decisions. Only an open and wide-spread international discussion can bring about a consensus on where the boundary lines are and when grayscale problems shade into black. One goal of this work is to move that discussion forward.

Memorial Volume For Stanley Mandelstam Oct 12 2020 Stanley Mandelstam (1928–2016) was one of the most influential and respected particle theorists. Coming as a young chemical engineer from South Africa to study theoretical physics in England, he quickly became a leading physicist in his field. With his deep understanding of quantum field theory, he pioneered the development of the analytic S-matrix theory as well as the path-dependent formulations for quantum gauge theories and for quantum general relativity. They are being actively used for the electroweak theory and having their imprints in lattice gauge theory and loop quantum gravity. Also he elucidated the mechanisms for quark confinement in quantum chromodynamics, constructed non-perturbative bosonization methods in 1+1 dimensions, and proved the perturbative finiteness and $\beta=0$ of N=4

supersymmetric Yang–Mills theory. His work also led to the discovery of dual resonance models, which in turn became superstring theory. He was a leader in these developments, devoting much of his later years to the proof that the theory is perturbatively finite so it can be considered as a contender for the theory of quantum gravity. He was also a very modest and friendly man, impressing everyone with his sharp intellect as well as his humanity. This volume contains essays written by many of his friends and students, including both detailed reports on his scientific achievements as well as personal reminiscences. Also collected in the volume are some selected reprints of Mandelstam's early seminal papers and abstracts of selected papers representing the full spectrum of his contributions. Contents: Recollections of Stanley Mandelstam (Geoffrey Chew) Scientific Biography of Stanley Mandelstam: 1955–1980 (Charles B Thorn) Scientific Biography of Stanley Mandelstam: 1981–2016 (Nathan Berkovits) Stanley Mandelstam: Brief Biography and Selected Publications with Commentary (Ling-Lie Chau) Stanley Mandelstam: The Early Years at a 'Most Stimulating Theoretical Group' (Sabine Lee) The Guiding Influence of Stanley Mandelstam, from S-Matrix Theory to String Theory (Peter Goddard) Remembering Stanley: From a Source of Inspiration to a Fair Strong Competitor (G Veneziano) Stanley Mandelstam and Me and Life on the Light-cone (Lars Brink) Reminiscences of Stanley Mandelstam (John H Schwarz) Stanley Mandelstam and My Postdoctoral Years at Berkeley (Steven Frautschi) Reminiscences on Stanley Mandelstam (Korkut Bardakci) Remembering a Gentle Giant of Physics (Charles Sommerfield) Grad School with Stanley Mandelstam (Joseph Polchinski) Remembering a Gentle Giant of Physics (Mary K Gaillard) Mandelstam & NAL (Pierre Ramond) The Influence of Stanley Mandelstam (Michael B Green) My Interaction with Stanley Mandelstam (Paolo Di Vecchia) My Advisor Stanley (Sang-Jin Sin) Stanley Mandelstam My Graduate Supervisor (Arjun Berera) Reprints and Abstracts of Selected Publications: The Mandelstam Representations in the Mandelstam Variables for S-Matrices: Determination of the Pion-Nucleon Scattering Amplitude from Dispersion Relations and Unitarity. General Theory Analytic Properties of Transition Amplitudes in Perturbation Theory Two-Dimensional Representations of Scattering Amplitudes and Their Applications The S-Matrix Approach: Theory of Low-Energy Pion–Pion Interactions Dispersion Relations in Strong-Coupling Physics The Mandelstam Path-Field Formulation for Quantum Gauge Theories and Feynman Rules: Quantum Electrodynamics Without Potentia

Oswaal Karnataka PUE Solved Papers II PUC Biology Book Chapterwise & Topicwise (For 2023 Exam) Jan 15 2021 • Latest Solved Paper with Scheme of Valuation-2022. • Strictly as per the latest syllabus, blueprint & design of the question paper. • All Typologies-Objective, VSA, SA & Essay Types Questions • Previous Years' Exam (2011-2022) Questions with Scheme of Valuation • NCERT Textbook Questions fully solved • PUE Question Bank Fully solved • Revision notes, Mind Maps & Concept videos for clarity of Concepts.

Applied Mechanics Reviews Jul 09 2020

Oswaal Karnataka PUE Solved Papers I PUC Accountancy Chapterwise & Topicwise (For 2023 Exam) Jun 19 2021 • Latest Solved Paper with Scheme of Valuation-2022. • Strictly as per the latest syllabus, blueprint & design of the question paper. • All Typologies-Objective, VSA, SA & Essay Types Questions • Previous Years' Exam(2011-2022) Questions with Scheme of Valuation • NCERT Textbook Questions fully solved • PUE Question Bank Fully solved • Revision notes, Mind Maps & Concept videos for clarity of Concepts

A NEE(A)T CONUNDRUM May 07 2020 The introduction of NEET has affected everybody related to Medicine except Hippocrates. The story is a humorous take on the lives of a few candidates (Ankita, Ajay, Naveen, Deepa), their parents (Mahesh, Sumitra, Sriram) and teachers (Mohan Bhargava, Uma) through the course of the NEET Exam - from announcement to declaration of results and seat allotment. Some eligible candidates get into the top colleges of their choice, while others settle for what they get, with or without their parent's approval. Some parents accept, while others refuse to come to terms with their (potential) Nobel laureate children's bad performance. Who will survive and who will perish in the NEET conundrum?

SSC Multi Tasking Non Technical Guide 2022 Sep 22 2021 SSC MTS exam is conducted by the Staff Selection Commission every year to recruit eligible candidates for the post of Multi-tasking Staff in various central government departments, ministries and offices. 1. Prepared as a complete study guide for SSC MTS Recruitment Exam. 2. Divided into 4 major sections. 3. Complete coverage of paper I & paper II 4. Current Affairs are provided in a separate section. 5. 3000+ questions for thorough practice. 6. Solved Papers are given for better understanding of examination pattern. All the aspirants who aspire to make their careers in the Government sector; we present to you the newly updated edition of "SSC Multitasking (Non – Technical) Recruitment Examination 2022" providing complete coverage of the syllabus. The Study Guide is divided into 4 major sections which are further divided into different sections according to the latest prescribed syllabus. The first two sections of the book are filled with concepts which provide complete coverage of Paper I and Paper II. Accompanied with Current Affairs in the beginning, this book provides a total summary of the events happening around the globe. Each chapter comprises of questions asked in Previous Years' examination, for better understanding of the concept and examination pattern. Supported with Solved Papers, that is designed as per the latest examination pattern to give insights to the aspirants. Along with the conceptual knowledge, the book also focuses on the practice part with more than 3000 objective questions for quick revision and thorough practice. With an easy to understand language and student friendly notes, this book is a total package for preparation of the exam. TOC Current Affairs, Solved Paper 2021, Solved Paper 2019, Solved Paper 2017, Solved Paper 2014, Part 1: General Intelligence and Reasoning, Numerical aptitude and General Awareness, Elementary Mathematics, General English, 2 Practice Sets

Algebraic Structures and Their Representations Dec 02 2019 The Latin-American conference on algebra, the XV Coloquio Latinoamericano de Algebra (Cocoyoc, Mexico), consisted of plenary sessions of general interest and special sessions on algebraic combinatorics, associative rings, cohomology of rings and algebras, commutative algebra, group representations, Hopf algebras, number theory, quantum groups, and representation theory of algebras. This proceedings volume contains original research papers related to talks at the colloquium. In addition, there are several surveys presenting important topics to a broad mathematical audience. There are also two invited papers by Raymundo Bautista and Roberto Martinez, founders of the Mexican school of representation theory of algebras. The book is suitable for graduate students and researchers interested in algebra.

Heavy Particles And Flavours - Proceedings Of Lishep 2018 Oct 24 2021 This book of proceedings is composed of articles based on the presentations at LISHEP 2018, centering on the main theme of the conference 'Heavy Particles and Flavours', with a focus on recent results and developments from the experiments at the Large Hadron Collider.

The Deep Universe Aug 22 2021 Written by three celebrated astronomers renowned for their excellence in both research and teaching, the central theme is approached in three complementary ways: the smooth evolution of the universe from the Big Bang to the present structures of matter; as a meandering road paved by our observations of stars, galaxies, and clusters; and how these approaches have been gradually developed and intertwined in the historical process leading to modern-day cosmology.

Oswaal ICSE Question Bank Class 9 Commercial Studies Book (For 2023 Exam) Mar 29 2022 Description of the product: • Strictly as per the latest syllabus for Board 2023 Exam. • Includes Questions of the both -Objective & Subjective Types Questions • Chapterwise and Topicwise Revision Notes for in-depth study • Modified & Empowered Mind Maps & Mnemonics(Only PCMB) for quick learning • Unit wise Self -Assessment Tests • Concept videos for blended learning • Previous Years' Examination Questions and Answers with detailed explanation to facilitate exam-oriented preparation. • Commonly made error & Answering Tips to aid in exam preparation. • Includes Academically important Questions (AI

Oswaal ICSE Question Bank Class 9 Geography Book (For 2023 Exam) Jul 29 2019 Description of the product: • Strictly as per the latest syllabus for Board 2023 Exam. • Includes Questions of the both -Objective & Subjective Types Questions • Chapterwise and Topicwise Revision Notes for in-depth study • Modified & Empowered Mind Maps & Mnemonics(Only PCMB) for quick learning • Unit wise Self -Assessment Tests • Concept videos for blended learning • Previous Years' Examination Questions and Answers with detailed explanation to facilitate exam-oriented preparation. • Commonly made error & Answering Tips to aid in exam preparation. • Includes Academically important Questions (AI

Oswaal ICSE Question Bank Class 9 History and Civics Book (For 2023 Exam) Apr 29 2022 Description of the product: • Strictly as per the latest syllabus for Board 2023 Exam. • Includes Questions of the both -Objective & Subjective Types Questions • Chapterwise and Topicwise Revision Notes for in-depth study • Modified & Empowered Mind Maps & Mnemonics(Only PCMB) for quick learning • Unit wise Self -Assessment Tests • Concept

videos for blended learning • Previous Years' Examination Questions and Answers with detailed explanation to facilitate exam-oriented preparation. • Commonly made error & Answering Tips to aid in exam preparation. • Includes Academically important Questions (AI

Exam Scorer Science - Class XI (Chapterwise MCQs with 5 solved Model Papers for 2022 EXAM) - Jharkhand Aug 29 2019 An excellent book for Science students appearing in competitive, professional and other examinations.

The Birth of String Theory Apr 05 2020 Explores the early stages of the development of string theory; essential reading for physicists, historians and philosophers of science.

Oswaal Karnataka PUE Solved Papers I PUC Economics Book Chapterwise & Topicwise (For 2023 Exam) May 19 2021 • Latest Solved Paper with Scheme of Valuation-2022. • Strictly as per the latest syllabus, blueprint & design of the question paper. • All Typologies-Objective, VSA, SA & Essay Types Questions • Previous Years' Exam(2011-2022) Questions with Scheme of Valuation • NCERT Textbook Questions fully solved • PUE Question Bank Fully solved • Revision notes, Mind Maps & Concept videos for clarity of Concepts

Exam Scorer Science - Class XI (Chapterwise MCQs with 5 solved Model Papers for 2020 EXAM) Oct 31 2019 An excellent book for Science students appearing in competitive, professional and other examinations. 1. Physics, 2. Chemistry, 3. Biology, 4. Mathematics 5. English (Core), 6. English (Elective), 7. Hindi (Core), 8. Hindi (Elective)

Nanostructures for Antimicrobial Therapy Dec 26 2021 Nanostructures for Antimicrobial Therapy discusses the pros and cons of the use of nanostructured materials in the prevention and eradication of infections, highlighting the efficient microbicidal effect of nanoparticles against antibiotic-resistant pathogens and biofilms. Conventional antibiotics are becoming ineffective towards microorganisms due to their widespread and often inappropriate use. As a result, the development of antibiotic resistance in microorganisms is increasingly being reported. New approaches are needed to confront the rising issues related to infectious diseases. The merging of biomaterials, such as chitosan, carrageenan, gelatin, poly (lactic-co-glycolic acid) with nanotechnology provides a promising platform for antimicrobial therapy as it provides a controlled way to target cells and induce the desired response without the adverse effects common to many traditional treatments. Nanoparticles represent one of the most promising therapeutic treatments to the problem caused by infectious micro-organisms resistant to traditional therapies. This volume discusses this promise in detail, and also discusses what challenges the greater use of nanoparticles might pose to medical professionals. The unique physiochemical properties of nanoparticles, combined with their growth inhibitory capacity against microbes has led to the upsurge in the research on nanoparticles as antimicrobials. The importance of bactericidal nanobiomaterials study will likely increase as development of resistant strains of bacteria against most potent antibiotics continues. Shows how nanoantibiotics can be used to more effectively treat disease Discusses the advantages and issues of a variety of different nanoantibiotics, enabling medics to select which best meets their needs Provides a cogent summary of recent developments in this field, allowing readers to quickly familiarize themselves with this topic area

From Quantum to Classical Jun 07 2020 Quantum theory is at the foundation of the physical description of our world. One of the people who contributed significantly to our conceptual understanding of this theory was Heinz-Dieter Zeh (1932-2018). He was the pioneer of the process of decoherence, through which the classical appearance of our world can be understood. This volume presents a collection of essays dedicated to his memory, written by distinguished scientists and scholars. They cover all aspects of the interpretation of quantum theory in general and the quantum-to-classical transition in particular. This volume provides illuminating reading to anyone seeking a deep understanding of quantum theory and its relevance to the foundations of physics.

New Pattern NTA JEE Main 2020 Resource Book (Solved 2002 - 2019 Papers + 24 Part Tests + 10 Mock Tests) with 5 Online Tests 7th Edition Aug 02 2022

Selected Papers (1945-1980), with Commentary Oct 04 2022 Consists of 73 articles and added items exclusively for this edition.

Adventures in Theoretical Physics Jul 01 2022 During the period 1964-1972, Stephen L. Adler wrote seminal papers on high energy neutrino processes, current algebras, soft pion theorems, sum rules, and perturbation theory anomalies that helped lay the foundations for our current standard model of elementary particle physics. These papers are reprinted here together with detailed historical commentaries describing how they evolved, their relation to other work in the field, and their connection to recent literature. Later important work by Dr. Adler on a wide range of topics in fundamental theory, phenomenology, and numerical methods, and their related historical background, is also covered in the commentaries and reprints. This book will be a valuable resource for graduate students and researchers in the fields in which Dr. Adler has worked, and for historians of science studying physics in the final third of the twentieth century, a period in which an enduring synthesis was achieved.

Einstein's Miraculous Year Jun 27 2019 After 1905, physics would never be the same. In those 12 months, Einstein shattered many cherished scientific beliefs with five great papers that would establish him as the world's leading physicist. On their 100th anniversary, this book brings those papers together in an accessible format.