Physics 12 Kumar Mittal

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University Physics Samuel J. Ling 2016-09-29 "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.

Computerized Control Systems in the Food Industry Mittal 2018-02-19 Covers the fundamentals and the latest advances in computerized automation and process control, control algorithms, and specific applications essential food manufacturing processes and unit operations. This text highlights the use of efficient process control to convert from batch to continuous operation and enhance plant sanitation. It compares both established and innovative control schemes.

Lab Manual Latest Edition Dr. J. P. Goel 2016-12-17 Lab. E- Manual Physics (For XIIth Practicals) A. Every student will perform 10 experiments (5 from each section) & 8 activities (4 from each section) during the academic year. Two demonstration experiments must be performed by the teacher with participation of students. The students will maintain a record of these demonstration experiments. B. Evaluation Scheme for Practical Examination : One experiment from any one section 8 Marks Two activities (one from each section) (4 + 4) 8 Marks Practical record (experiments & activities) 6 Marks Record of demonstration experiments & Viva based on these experiments 3 Marks Viva on experiments & activities 5 Marks Total 30 Marks Section A Experiments 1. To determine resistance per cm of a given wire by plotting a graph of potential difference versus current. 2. To find resistance of a given wire using metre bridge and hence determine the specific resistance of its material. 3. To verify the laws of combination (series/parallel) of resistances using a metre bridge. 4. To compare the emf of two given primary cells using potentiometer. 5. To determine the internal resistance of given primary cells using potentiometer. 6. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit. 7. To convert the given galvanometer (of known resistance and figure of merit) into an ammeter and voltmeter of desired range and to verify the same. 8. To find the frequency of the a.c. mains with a sonometer. Activities 1. To measure the resistance and impedance of an inductor with or without iron core. 2. To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter. 3. To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source. 4. To assemble the components of a given electrical circuit. 5. To study the variation in potential drop with length of a wire for a steady current. 6. To draw the diagram of a given open circuit comprising at least a battery, resistor/rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram. Section B Experiments 1. To find the value of v for different values of u in case of a concave mirror and to find the focal length. 2. To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/u. 3. To find the focal length of a convex mirror, using a convex lens. 4. To find the focal length of a concave lens, using a convex lens. 5. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation. 6. To determine refractive index of a glass slab using a travelling microscope. 7. To find refractive index of a liquid by using (i) concave mirror, (ii) convex lens and plane mirror. 8. To draw the I-V characteristic curve of a p-n junction in forward bias and reverse bias. 9. To draw the characteristic curve of a zener diode and to determine its reverse break down voltage. 10. To study the characteristics of a common-emitter npn or pnp transistor and to find out the values of current and voltage gains. Activitie 1. To study effect of intensity of light (by varying distance of the source) on a L.D.R. 2. To identify a diode, a LED, a transistor and IC, a resistor and a capacitor from mixed collection of such items. 3. Use of multimeter to (i) identify base of transistor. (ii) distinguish between npn and pnp type transistors. (iii) see the unidirectional flow of current in case of a diode and a LED. (iv) check whether a given electronic component (e.g. diode, transistor or I C) is in working order. 4. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab. 5. To observe polarization of liquid using two Polaroids. 6. To observe diffraction of light due to a thin slit. 7. To study the nature and size of the image formed by (i) convex lens, (ii) concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror). 8. To obtain a lens combination with the specified focal length by using two lenses from the given set of lenses. Suggested Investigatory Projects 1. To investigate whether the energy of a simple pendulum is conserved. 2. To determine the radius of gyration about the centre of mass of a metre scale as a bar pendulum. 3. To investigate changes in the velocity of a body under the action of a constant force and determine its acceleration. 4. To compare effectiveness of different materials as insulators of heat. 5. To determine the wavelengths of laser beam by diffraction. 6. To study various factors on which the internal resistance/emf of a cell depends. 7. To construct a time-switch and study dependence of its time constant on various factors. 8. To study infrared radiations emitted by different sources using photo-transistor. 9. To compare effectiveness of different materials as absorbers of sound. 10. To design an automatic traffic signal system using suitable combination of logic gates. 11. To study luminosity of various electric lamps of different powers and make. 12. To compare the Young's modulus of elasticity of different specimens of rubber and also draw their elastic hysteresis curve. 13. To study collision of two balls in two dimensions. 14. To study frequency response of : (i) a resistor, an inductor and a capacitor, (ii) RL circuit, (iii) RC circuit, (iv) LCR series circuit.

Physics D. C. Upadhyay, 2016-12-17 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.

IIT JEE Physics (1978 to 2018: 41 Years) Topic-wise Complete Solutions Jitender Singh 2020-01-01 "Bring conceptual clarity and develop the skills to approach any unseen problem, step by step." - HC Verma "Great Book to read and understand! Quality explanations and methodical approach separates this book from the rest. A clear winner in its category." -Review on Amazon "Must have book for every IIT JEE aspirant! There are many solution books available in the market but this book is a class apart. Solutions are explained in detail. In many questions there are extra points which are beneficial for aspirants." - Review on Amazon Written by IITians, foreword by Dr HC Verma and appreciated by students as well as teachers. Two IITian have worked together to provide a high quality Physics problem book to Indian students. It is an indispensable collection of previous 41 years IIT questions and their illustrated solutions for any serious aspirant. The success of this work lies in making the readers capable to solve complex problems using few basic principles. The readers are also asked to attempt variations of the solved problems to help them understand the concepts better. The students can use the book as a readily available mentor for providing hints or complete solutions as per their needs. Key features of the book are: - Concept building by problem solving. The solutions reveals all the critical points. - 1400+ solved problems from IIT JEE. The book contains all questions and their solutions. - Topic-wise content arrangement to enables IIT preparation with school education. - Promotes self learning. Can be used as a readily available mentor for solutions.

Russian Optimism Ben Rosenfeld 2015-01-01 Russian Optimism: Dark Nursery Rhymes To Cheer You Right Up is an illustrated coffee table book of thirty of Russia's most horrifically hysterical nursery rhymes translated for an English speaking audience. Each rhyme is 2-4 lines, with an innocent title and a horrible ending. Each rhyme is accompanied by a brightly colored yet twisted illustration of the scenario described to add humor. Each two-page layout has the illustration on one side, and the title of the rhyme, the English text, the Russian text and the Russian transliteration (using English letters) on the other. For example, The Woods: "A little boy found a machine gun. Nothing lives in the woods anymore." The rhymes are grouped in seven ironically titled chapters: Moral Messages, Parenting Pointers, Classic Cooking, Aquatic Adventures, Close Calls, Cheery Children and Explosive Endings.

In Search of Schrodinger's Cat John Gribbin 2011-05-04 Quantum theory is so shocking that Einstein could not bring himself to accept it. It is so important that

it provides the fundamental underpinning of all modern sciences. Without it, we'd have no nuclear power or nuclear weapons, no TV, no computers, no science of molecular biology, no understanding of DNA, no genetic engineering. In Search of Schrodinger's Cat tells the complete story of quantum mechanics, a truth stranger than any fiction. John Gribbin takes us step by step into an ever more bizarre and fascinating place, requiring only that we approach it with an open mind. He introduces the scientists who developed quantum theory. He investigates the atom, radiation, time travel, the birth of the universe, superconductors and life itself. And in a world full of its own delights, mysteries and surprises, he searches for Schrodinger's Cat - a search for quantum reality - as he brings every reader to a clear understanding of the most important area of scientific study today - quantum physics. In Search of Schrodinger's Cat is a fascinating and delightful introduction to the strange world of the quantum - an essential element in understanding today's world.

Physics for Degree Students B.Sc.First Year C L Arora 2010 For B.Sc I yr students as per the new syllabus of UGC curriculum for all Indian Universities. The present book has two sections. Section I covers 1 which includes chapters on Mechanics, oscillations and Properties of Matter. Section II covers course 2 which includes chapters on Electricity, Magnetism and Electromagnetic theory.

Competition Science Vision 2000-10 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.

Basic Electrical Engineering V. N. Mittle 1990

Physics Galaxy 2020-21 Ashish Arora 2019-11-18 Physics galaxy by Ashish Arora is a result of deep stress and serious efforts of the brain of distinguished academician Ashish Arora to ensure fundamental understanding and advance 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 method 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 are given to strengthen the objective and comprehensive abilities of students. You can also avail 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. Everyday 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 Physics textbooks for Class XI and Class XII. Some highlights of the book include: a. Systematically step-by-step approach for easy understanding B. Time bound tests after every topic C. As per latest syllabus.

Electromagnetic Wave Propagation, Radiation, and Scattering Akira Ishimaru 2017-08-09 One of the most methodical treatments of electromagnetic wave propagation, radiation, and scattering—including new applications and ideas Presented in two parts, this book takes an analytical approach on the subject and emphasizes new ideas and applications used today. Part one covers fundamentals of electromagnetic wave propagation, radiation, and scattering. It provides ample end-of-chapter problems and offers a 90-page solution manual to help readers check and comprehend their work. The second part of the book explores up-to-date applications of electromagnetic waves—including radiometry, geophysical remote sensing and imaging, and biomedical and signal processing applications. Written by a world renowned authority in the field of electromagnetic research, this new edition of Electromagnetic Wave Propagation, Radiation, and Scattering: From Fundamentals to Applications presents detailed applications with useful appendices, including mathematical formulas, Airy function, Abel’s equation, Hilbert transform, and Riemann surfaces. The book also features newly revised material that focuses on the following topics: Statistical wave theories—which have been extensively applied to topics such as geophysical remote sensing, bio-electromagnetics, bio-optics, and bio-ultrasound imaging Integration of several distinct yet related disciplines, such as statistical wave theories, communications, signal processing, and time reversal imaging New phenomena of multiple scattering, such as coherent scattering and memory effects Multiphysics applications that combine theories for different physical phenomena, such as seismic coda waves, stochastic wave theory, heat diffusion, and temperature rise in biological and other media Metamaterials and solitons in optical fibers, nonlinear phenomena, and porous media Primarily a textbook for graduate courses in electrical engineering, Electromagnetic Wave Propagation, Radiation, and Scattering is also ideal for graduate students in bioengineering, geophysics, ocean engineering, and geophysical remote sensing. The book is also a useful reference for engineers and scientists working in fields such as geophysical remote sensing, bio–medical engineering in optics and ultrasound, and new materials and integration with signal processing.

A Textbook Of Discrete Mathematics Harish Mittal 2010-01-01 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.

Big Data Processing Using Spark in Cloud Mamta Mittal 2018-06-16 The book describes the emergence of big data technologies and the role of Spark in the entire big data stack. It compares Spark and Hadoop and identifies the shortcomings of Hadoop that have been overcome by Spark. The book mainly focuses on the in-depth architecture of Spark and our understanding of Spark RDDs and how RDD complements big data’s immutable nature, and solves it with lazy evaluation, cacheable and type inference. It also addresses advanced topics in Spark, starting with the basics of Scala and the core Spark framework, and exploring Spark data frames, machine learning using Mllib, graph analytics using Graph X and real-time processing with Apache Kafka, AWS Kenisis, and Azure Event Hub. It then goes on to investigate Spark using PySpark and R. Focusing on the current big data stack, the book examines the interaction with current big data tools, with Spark being the core processing layer for all types of data. The book is intended for data engineers and scientists working on massive datasets and big data technologies in the cloud. In addition to industry professionals, it is helpful for aspiring data processing professionals and students working in big data processing and cloud computing environments.

ISC Physics -XI Mittal Kumar 2010

ISC Mathematics Class XII (2021 Edition) ANUBHUTI GANGAL 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.

Xam Idea Physics for CBSE Class 12- 2021 Editorial Board 2020-06-27 The new Xam Idea for Class XII Physics 2020-21 has been thoroughly revised, diligently designed, and uniquely formatted in accordance with CBSE requirements and NCERT guidelines. The features of the new Xam Idea are as follows: 1. The book has been thoroughly revised as per the new CBSE Examination Paper design. 2. The book is divided into two Sections: Part–A and Part–B. 3. Part–A includes the following: · Each Chapter is summarised in ‘Basic Concepts’. · Important NCERT Textbook and NCERT Exemplar questions have been incorporated. · Previous Years’ Questions have been added under different sections according to their marks. · Objective Type Questions have been included as per new CBSE guidelines. These include Multiple Choice Questions, Very Short Answer Questions, and Fill in the Blanks carrying 1 mark each. · Short Answer Questions carrying 2 marks each and Long Answer Questions carrying 3 marks and 5 marks have also been added. · At the end of every chapter, Self-Assessment Test has been given to test the extent of grasp by the student. 4. Part–B includes the following: · CBSE Sample Question Paper 2020 with complete solution. · Blueprint as per latest CBSE Sample Question Paper and Examination Paper 2020. · Unsolved Model Question Papers for ample practice by the student. · Solved CBSE Examination Papers 2020 (55/1/1), (55/1/2) and (55/1/3). · Solved sets of remaining four regions’ CBSE Examination Papers are given in QR code.

ISC Mathematics book 1 for Class- 11 O P MALHOTRA 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.

APC Understanding ISC Mathematics - Class 11 - Avichal Publishing Company M.L. Aggarwal 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.

TOPPERS' STUDY HACKS Avinash Agarwal 2020-08-08

Gateway to Science — Physics for Class X Dr. Vinod Goel 2020-01-01

Physics for Degree Students for B.Sc. 3rd Year Arora C.L. & Hemne P.S. 2014 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

Olive Kitteridge Elizabeth Strout 2008-03-25 WINNER OF THE PULITZER PRIZE • THE EMMY AWARD–WINNING HBO MINISERIES STARRING FRANCES MCDORMAND, RICHARD JENKINS, AND BILL MURRAY In a voice more powerful and compassionate than ever before, New York Times bestselling author Elizabeth Strout binds together thirteen rich, luminous narratives into a book with the heft of a novel, through the presence of one larger-than-life, unforgettable character: Olive Kitteridge. At the edge of the continent, Crosby, Maine, may seem like nowhere, but seen through this brilliant writer's eyes, it's in essence the whole world, and the lives that are lived there are filled with all of the grand human drama–desire, despair, jealousy, hope, and love. At times stern, at other times patient, at times perceptive, at other times in sad denial, Olive Kitteridge, a retired schoolteacher, deplores the changes in her little town and in the world at large, but she doesn't always recognize the changes in those around her: a lounge musician haunted by a past romance: a former student who has lost the will to live: Olive's own adult child, who feels tyrannized by her irrational sensitivities; and Henry, who finds his loyalty to his marriage both a blessing and a curse. As the townspeople grapple with their problems, mild and dire, Olive is brought to a deeper understanding of herself and her life–sometimes painfully, but always with ruthless honesty. Olive Kitteridge offers profound insights into the human condition–its conflicts, its tragedies and joys, and the endurance it requires. NAMED ONE OF THE BEST BOOK OF THE YEAR BY People • USA Today • The Atlantic • The Washington Post Book World • Seattle Post-Intelligencer • Entertainment Weekly • The Christian Science Monitor • San Francisco Chronicle • Salon • San Antonio Express-News • Chicago Tribune • The Wall Street Journal "Perceptive, deeply empathetic . . . Olive is the axis around which these thirteen complex, relentlessly human narratives spin themselves into Elizabeth Strout's unforgettable novel in stories."—O: The Oprah Magazine "Fiction lovers, remember this name: Olive Kitteridge. . . . You'll never forget her. . . . [Elizabeth Strout] constructs her stories with rich irony and moments of genuine surprise and intense emotion. . . . Glorious, powerful stuff."—USA Today BONUS: This edition includes an excerpt from Elizabeth Strout's The Burgess Boys.

Handbook of Microemulsion Science and Technology K.L. Mittal 2018-05-02 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.

Objective General Knowledge Geography KUMAR PRASOON 2017-06-03 This General Knowledge book on Geography contains multiple choice questions (MCQs) for competitive examinations. It contains 1000 plus multiple choice questions. Answer key has been provided. Every attempt has been made to ensure that the questions included are topical, and relevant to contemporary trend of various competitive and entrance exams and mind-set of question paper setters.This book is useful for all exams held by UPSC such as Civil Services, CDS, NDA, Railways, IBPS (Banking Services), SSC & other exams organized by State Public Service Commissions and other examining bodies. Features: 1000+ MCQs Answer keys Previous Years Questions #v&spublishers

S. Chand's Principles Of Physics For XI V. K Mehta & Rohit Mehta The Present book S.Chand's Principle of Physics is written primarily for the students preparing for CBSE Examination as per new Syllabus. Simple langauge and systematic development of the subject matter. Emphasis on concepts and clear mathematical derivations

The Tempest Classical Comics 2011-02-03 One of eighteen timeless classics for independent student reading and preparation for mainstream classrooms. Also thematically linked to core series such as Visions.

Health and Physical Education Class 12 Dr. V.K. Sharma Saraswati Health and Physical Education is a much acclaimed and popular series in Health and Physical Education. The series demonstrates a deep understanding of the principles and concepts related to the subject while providing students with all the pedagogical tools necessary for comprehension and application. The fully revised edition, which includes all the latest developments in the field, in its colourful avatar will not only enhance the teaching-learning process but will also make it more enjoyable.

Concepts Of Physics Harish Chandra Verma 1999

In Five Years Rebecca Serle 2020-03-10 A NEW YORK TIMES BESTSELLER A Good Morning America, FabFitFun, and Marie Claire Book Club Pick "In Five Years is as clever as it is moving, the rare read-in-one-sitting novel you won't forget." —Chloe Benjamin, New York Times bestselling author of The Immortalists Perfect for fans of Me Before You and One Day—a striking, powerful, and moving love story following an ambitious lawyer who experiences an astonishing vision that could change her life forever. Where do you see yourself in five years? Dannie Kohan lives her life by the numbers. She is nothing like her lifelong best friend—the wild, whimsical, believes-in-fate Bella. Her meticulous planning seems to have paid off after she nails the most important job interview of her career and accepts her boyfriend's marriage proposal in one fell swoop, falling asleep completely content. But when she awakens, she's suddenly in a different apartment, with a different ring on her finger, and beside a very different man. Dannie spends one hour exactly five years in the future before she wakes again in her own home on the brink of midnight—but it is one hour she cannot shake. In Five Years is an unforgettable love story, but it is not the one you're expecting.

Frank ISC Economics Class XII D.K. Sethi, Mrs. U. Andrews

Physics : Textbook For Class Xi 2007-01-01

Handbook of Physics Arihant Experts 2019-07-06 Physics of higher level has too many concept and remembering all them on tips all the time is not an easy task. Handbook of Physics is an important, useful and compact reference book suitable for everyday study, problem solving or exam revision for class XI – XII, Engineering & Medical entrances and other Competitions Aspirants. This book is a multi-purpose quick revision resource that contains almost all key notes, terms, Definitions and formulae that all students & professionals in physics will want to have this essential reference book within easy reach. Its unique format displays formulae clearly, places them in the context and crisply identifies describes all the variables involved, summary about every equation and formula that one might want while learning physics is one of the unique features of the book, a stimulating and crisp extract of fundamental physics is to be enjoyed by the beginners and experts equally. The book is best-selling from its first edition and one of the most useful books of its type. Table of contents Measurement, Vectors, Motion in a Straight Line, Projectile Motion and Circular Motion, Laws of Motion, Work, Power and Energy, Rotational Motion, Gravitation, Elasticity, Hydrostatics, Hydrodynamics, Surface Tensions, Thermometry and Calorimetry, Kinetic Theory of Gases, Thermodynamics, Transmission of Heat, Oscillations, Waves and Sound, Electrostatics, Current Electricity, Heating and Chemical Effects of Currents, Magnetic Effect of Current, Magnetism, Electromagnetic Induction, Alternating Currents, Ray Optics, Wave Optics, Electrons, Photons and X-rays, Atomic Physics, Nuclear Physics, Electronics, Electromagnetic Waves and Communication, Universe, Basic Formulae of Physics, Nobel Laureates in Physics, Famous Physicists and their Contributions.

Chemistry : Textbook For Class Xii NCERT 2007-01-01

Heidi's Guide to Four Letter Words Tara Sivec 2019-12-03 Cowritten by USA Today best-selling author Tara Sivec and award-winning narrator Andi Arndt, a hysterically funny, heartfelt romance about starting over and taking chances. Nothing good ever comes from drinking a box of wine alone. So when I decided to entertain my drunken self by setting up some hand-me-down podcasting equipment and reading the steamy parts from romance novels, I never thought anyone would actually listen. The fact that I admitted my huge crush on my sexy next door neighbor made the whole thing even more mortifying. But sometimes life surprises you, and that's how my podcast, Heidi's Discount Erotica, was born. Now I, Heidi Larsen, a sweet former kindergarten teacher in Waconia, Minnesota, lead a scandalous double life reading erotic novels to the listening world. And with each episode, I find myself embracing my new alter ego more and more. Now I'm starting to feel more comfortable in my own skin and do things I never would have dreamed of - like kissing my neighbor. Look out, Waconia, because Heidi's on the loose! She's in your ears, in your hearts, and down your pants...wait, that didn't sound as good as it did in my head. Well, you get the picture, don'tcha know!

Big Little Lies Liane Moriarty 2017-02-07 Follows three mothers, each at a crossroads, and their potential involvement in a riot at a school trivia night that leaves one parent dead in what appears to be a tragic accident, but which evidence shows might have been premeditated.

Fundamentals of Physics David Halliday 2019-01-10

Physics for Class XI Nikhat Khan 2005 This essential core textbook has been written for the Intermediate First Year Physics Course. The book aims to help students and 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.

(Free Sample) 34 Years NTA NEET (UG) BIOLOGY Chapterwise & Topicwise Solved Papers with Value Added Notes (2021 - 1988) 16th Edition Disha Experts 2021-09-20 34 Years NEET BIOLOGY Chapterwise + Topicwise Solved Papers with Value Added Notes is the thoroughly revised & updated 16th edition and it contains the past year papers of NEET 2021 to 1988 distributed in 38 Chapters. • The Questions have been arranged from 2021 to 1988 such that the students encounter the latest questions first. • Another new feature added in this edition is the classification of all Chapters in Botany & Zoology as per NEET 2021. • Further each chapter has been divided into 3-4 Topics each thus making it a total of 128 Topics. • The Topics have been arranged exactly in accordance to the NCERT books so as to make it 100% convenient to Class 11 & 12 students. • The fully solved CBSE Mains papers of 2011 & 2012 (the only Objective CBSE Mains paper held) have also been incorporated in the book topic-wise. • The book contains 37 Papers including the Karnataka 2013, Rescheduled 2015, 2016 Ph-II, Odisha 2019 & 2020 Ph-II Papers. • The detailed solutions of all questions are provided at the end of each chapter to bring conceptual clarity. • The book contains around 3620+ MILESTONE PROBLEMS IN BIOLOGY.

Introduction to Nuclear and Particle Physics Saverio D'Auria 2019-03-04 This textbook fills the gap between the very basic and the highly advanced volumes that are widely available on the subject. It offers a concise but comprehensive overview of a number of topics, like general relativity, fission and fusion, which are otherwise only available with much more detail in other textbooks. Providing a general introduction to the underlying concepts (relativity, fission and fusion, fundamental forces), it allows readers to develop an idea of what these two research fields really involve. The book uses real-world examples to make the subject more attractive and encourage the use of mathematical formulae. Besides short scientists' biographies, diagrams, end-of-chapter problems and worked solutions are also included. Intended mainly for students of scientific disciplines such as physics and chemistry who want to learn about the subject and/or the related techniques, it is also useful to high school teachers wanting to refresh or update their knowledge and to interested non-experts.