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Monochrome and Colour

Television - R.R. Gulati

2005-12

The Text Is Based On The Ccir 625-B Monochrome (Black & White) And Pal-B And G Colour Television Standards As Adopted By India And Many Other Countries. The American And French Tv Systems Have

Also Been Given Due Coverage

While Presenting Various

Aspects Of The Subject

Starting From Television

Camera To The Receiver

Picture Tube. Keeping In View

The Fact That Colour And

Monochrome Telecasts Will Co-

Exist In India For At Least A

Decade, The Author Has

Included Relevant Details And Modern Techniques Of Both The Systems. Conceptually The Book May Be Considered To Have Four Sections. The Initial Chapters (1 To 10) Are Devoted To The Essentials Of Transmission, Reception And Applications Of Television Without Involving Detailed Circuitry. The Next 14 Chapters (11 To 24) Explain Basic Design Considerations And Modern Circuitry Of Various Sections Of The Receiver. Topics Like Tv Games, Cable Television, Cctv, Remote Control, Automatic Frequency Tuning, Automatic Brightness Control, Electronic Touch Tuning Etc. Are Also Discussed. The Third Section (Chapters 25 And 26) Is Exclusively Devoted To The Colour Television Transmission And Reception. All The Three Colour Television Systems Have Been Described. Chapters 27 To 30 Are Devoted To Complete Receiver Circuits- Both Monochrome And Colour, Electronic Instruments Necessary For Receiver Manufacture And Servicing,

Alignment Procedure, Fault Finding And Servicing Of Black White And Colour Receivers. The Complete Text Is Presented In A Way That Students Having Basic Knowledge Of Electronics Will Find No Difficulty In Grasping The Complexities Of Television Transmission And Reception. *Electrical Instrumentation and Process Control (For UPTU, Lucknow)* - Navani J.P. & Sapra Sonal 2015

This book is written in a simple and easy-to-understand language to explain the fundamental concepts of the subject. The book presents the subject of EIPC in a comprehensive manner to the students at undergraduate level. This book not only covers the entire scope of the subject but also explains the philosophy of the subject. This makes the understanding of the subject more clear and interesting. The book will be very useful not only to the students but also to the faculty members.

Oswaal CBSE Question Bank Class 12 Physics, Chemistry &

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Biology (Set of 3 Books) (For 2022-23 Exam) - Oswaal Editorial Board 2022-05-26
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The CBSE Question Bank Class 12 Physics, Chemistry & Mathematics 2022-23 Includes Term 1 Exam paper
2021+Term II CBSE Sample paper+ Latest Topper Answers
The CBSE Books Class 12 2022-23 comprises Revision Notes: Chapter wise & Topic wise
The CBSE Question Bank Class 12 Physics, Chemistry & Mathematics 2022-23 includes Exam Questions: Includes Previous Years Board Examination questions (2013-2021)
It includes CBSE Marking Scheme Answers: Previous Years' Board Marking scheme answers (2013-2020)
The CBSE Books Class 12 2022-23 also includes New Typology of Questions: MCQs, assertion-reason, VSA, SA & LA including case based questions
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Mind Maps for quick learning
Concept Videos for blended learning
The CBSE Question Bank Class 12 Physics, Chemistry & Mathematics 2022-23 includes Academically Important (AI) look out for highly expected questions for the upcoming exams

Power Electronics with MATLAB - L. Ashok Kumar
2017-11-24

"Discusses the essential concepts of power electronics through MATLAB examples and simulations"--

A Textbook of Engineering

Physics - MN Avadhanulu et. al

Primarily written for the first year undergraduate students of engineering, [A Textbook of Engineering Physics] also serves as a reference text for B.Sc students, technologists and practitioners. The book explains all the relevant and important topics in an easy-to-understand manner. Forty

chapters, beginning with a detailed discussion on oscillation, the book goes on to discuss optical fibres, lasers and nanotechnology. A rich pedagogy helps in understanding of every concept explained. A book which has seen, foreseen and incorporated changes in the subject for more than 25 years, it continues to be one of the most sought after texts by the students.

[Aircraft Instrumentation and Systems](#) - S. Nagabhushana
2013-12-30

Aircraft Instrumentation and Systems has the adequate coverage to deal generally the topics for undergraduate course on Aircraft Instrumentation. It covers: An introduction to aircraft instruments and systems, Air data systems and air data computers, Navigation systems, Gyroscopic flight instruments, Engine instruments, Electronics flight instrument systems, Safety and warning systems. Every effort has been done to update the contents of the book to the

present-day technology used in modern transport category aircraft manufactured by Boeing and Airbus industry. The text is profusely illustrated with block diagrams, schematic diagrams and a number of tables and glossary. Review questions have been included at the end of the each chapter for practice and self-study. The book is intended for teaching and study the topic for students of B.E., M.E. and students in Instrumentation Technology and Aircraft Engineering. It also introduces the subject to practising engineers and readers interested in aircraft instrumentation and to the flight crew

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Ship Safety

TWO AND THREE WHEELER TECHNOLOGY - DHRUV U. PANCHAL 2015-08-20

The inclination towards two wheelers is not newer to the world. From the very beginning, two wheelers are recognized as a mark of triumph, independence and joy. These are considered fast, safe and easy mode of transportation with worthy fuel economy. With the arrival of automation and electronics in two wheelers, the study gained more momentum, which led Two and Three Wheeler Technology to emerge as a new discipline of automobile engineering. The book explains traditional and modern technologies in an easy to understand manner. Various technologies have been explicated with appropriate 2D and 3D diagrams to support learning. Text comprises the state-of-the-art developments in the field of two wheelers. Detailed explanation on the actual assemblies helps the students to cognize the technology systematically.

Although the emphasis has been given to the two wheeler technology, considering the requirement of various syllabi, the last chapter is solely dedicated to three wheeler technology. Chapter-end review questions help students in preparing them for examination by self-assessment method. Primarily designed for the undergraduate and diploma students of automobile engineering, the lucid and simple presentation of the book makes it useful for the commoner, who has keen interest in this area. It is a useful guide for a vehicle owner for understanding mechanism and parts, which may help him in maintaining his vehicle at best efficiency.

Digital Principles and Logic Design Techniques - Arijit

Saha, Nilotpal Manna 2007

Engineering Physics I: For WBUT -

Computer Fundamentals - B. Ram 2000

Physics Class XII Volume I -

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SBPD Publications - D. C. Upadhyay, Dr. J. P. Goel, Er. Meera Goyal 2021-05-06
Unit-I :Electrostatics 1.Electric charge and Electric Field, 2 .Gauss' Theorem, 3 .Electric Potential, 4. Electric Capacitance, Unit-II : Current Electricity 5.Electric Conduction and Ohm's Law, 6. Electric Measurements, Unit-III : Magnetic Effects of Electric Current and Magnetism 7.Magnetic Effects of Electric Current, 8 .Magnetism, Unit-IV : Electromagnetic Induction and Alternating Current 9.Electromagnetic Induction, 10. Alternating Current, Unit-V : Electromagnetic Waves 11.Electromagnetic Waves, Log Antilog Table Value Based Questions (VBQ) Board Examination Papers.

Instrumentation and Process Control - D.C. Sikdar 2016
This book is students friendly. It also demonstrates how to solve the industry related problems that crop up in Chemical Engineering Practice. The chapters are organized in a simple way that enables that students to acquire and in

depth understanding of the subject. The emphasis is given to the fundamental of measuring instrument, Laplace Transform, Basic Concept of process control, first order and Second order system, Control of Industrial Bio-processes, Controller and Final control elements, Block diagram reduction techniques, Determination of Stability of a process, Advanced control techniques and control Structure of unit operations, all coming under the realm of Process Control. Apart from the numerous illustrations, the book contains review questions, exercises and aptitude test in chemical Engineering which bridge the gap between theoretical learning and practical implementation. All numerical problems are solved in a systematic manner to reinforce the understanding of the concepts. This book is primarily intended as a textbook for the under graduate students of Chemical Engineering, It will also be useful for other allied branches

such as Medical Electronics, Aeronautical Engineering, Polymer Science and Engineering, Bio-technology as well as diploma in Chemical Engineering.

Oswaal CBSE Question Bank Class 12 English, Physics, Chemistry & Mathematics (Set of 4 Books) (For 2022-23 Exam) - Oswaal Editorial Board 2022-05-26

Oswaal CBSE Question Bank Class 12 Physics, Chemistry & Mathematics 2022-23 are based on latest & full syllabus The CBSE Question Bank Class 12 Physics, Chemistry & Mathematics 2022-23 Includes Term 1 Exam paper 2021+Term II CBSE Sample paper+ Latest Topper Answers The CBSE Books Class 12 2022-23 comprises Revision Notes: Chapter wise & Topic wise The CBSE Question Bank Class 12 Physics, Chemistry & Mathematics 2022-23 includes Exam Questions: Includes Previous Years Board Examination questions (2013-2021) It includes CBSE Marking Scheme Answers: Previous Years' Board Marking

scheme answers (2013-2020) The CBSE Books Class 12 2022-23 also includes New Typology of Questions: MCQs, assertion-reason, VSA ,SA & LA including case based questions The CBSE Question Bank Class 12 Physics, Chemistry & Mathematics 2022-23 includes Toppers Answers: Latest Toppers' handwritten answers sheets Exam Oriented Prep Tools Commonly Made Errors & Answering Tips to avoid errors and score improvement Mind Maps for quick learning Concept Videos for blended learning The CBSE Question Bank Class 12 Physics, Chemistry & Mathematics 2022-23 includes Academically Important (AI) look out for highly expected questions for the upcoming exams Steam-engine Principles and Practice - Terrell Croft 1922

Downstream Process Technology: A New Horizon In Biotechnology - Nooralabettu Krishna Prasad 2012

C Programming - Sisir Kumar Jena 2021-12-29

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The C programming language is a popular language in industries as well as academics. Since its invention and standardized as ANSI C, several other standards known as C99, C11, and C17 were published with new features in subsequent years. This book covers all the traits of ANSI C and includes new features present in other standards. The content of this book helps a beginner to learn the fundamental concept of the C language. The book contains a step-by-step explanation of every program that allows a learner to understand the syntax and builds a foundation to write similar programs. The explanation clarity, exercises, and illustrations present in this book make it a complete textbook in all aspects.

Features: Other than ANSI C, the book explains the new C standards like C99, C11, and C17. Most basic and easy-to-follow programs are chosen to explain the concepts and their syntax. More emphasis is given to the topics like Functions, Pointers, and Structures.

Recursion is emphasized with numerous programming examples and diagrams. A separate chapter on the command-line argument and preprocessors is included that concisely explains their usage. Several real-life figures are taken to explain the concepts of dynamic memory allocation, file handling, and the difference between structure and union. The book contains more than 260 illustrations, more than 200 programs, and exercises at the end of each chapter. This book serves as a textbook for UG/PG courses in science and engineering. The researcher, postgraduate engineers, and embedded software developers can also keep this book as reference material for their fundamental learning.

Basic Electronics: - De, Debashis 2003

Basic Electronics, meant for the core science and technology courses in engineering colleges and universities, has been designed with the key objective of enhancing the students'

knowledge in the field of electronics. The book has an extensive coverage of Electronic Measurements and Instrumentation (For UPTU, Lucknow) - Navani J.P. & Sapra Sonal 2015

This book is written in a simple and easy-to-understand language to explain the fundamental concepts of the subject. The book presents the subject of EMI in a comprehensive manner to the students at undergraduate level. This book not only covers the entire scope of the subject but also explains the philosophy of the subject. This makes the understanding of the subject more clear and interesting. The book will be very useful not only to the students but also to the faculty members. Any suggestions for the improvement of the book will be acknowledged and well appreciated.

Oswaal CBSE English Core, Physics, Chemistry & Mathematics Class 12 Sample Question Papers (Set of 4 Books) (For 2023 Board Exam) - Oswaal Editorial Board

2022-10-19

This product covers the following: • 10 Sample Papers-5 Solved & 5 Self-Assessment Papers strictly designed as per the latest CBSE Sample Paper released on 16th September'2022 • 2023 Board Sample Paper analysis • On-Tips Notes & Revision Notes for Quick Revision • Mind Maps & Mnemonics with 1000+concepts for better learning • 200+MCQs & Objective Type Questions for practice

Concise Concepts of Nanoscience and Nanomaterials - N. Kumar 2018-08-01

This book provides a basic understanding of the emerging multidisciplinary area of nanoscience and nanomaterials being offered as core subjects both in basic sciences and engineering disciplines at graduate and postgraduate levels. The subject matter of the book is designed to generate a clear understanding on various aspects of nanoscience from

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fundamentals to technological applications along with the exhaustive account of nanomaterials classified in a very appropriate manner. Book includes a balanced view on the physics to understand the origin of unique properties of nanomaterials and well tested synthetic techniques including simple chemical and physical routes illustrated with examples. Special emphasis is given on the characterization techniques for nanomaterials in terms of spectroscopy, scattering phenomena and microscopy including their principle, methodology and data interpretation illustrated with examples. In order to drive on the significance of nanoscience and nanomaterials; impact of nanotechnology in diverse area such as health care, environment protection, agriculture, energy, security has been dealt separately. The historical perspective as well existence of nanomaterials in nature both in living and nonliving species has also been discussed in the beginning. It is

hoped that the book will prove to be student centric at all levels, from different disciplines to understand the revolutionary as well as evolutionary field of nanoscience. Further, book will also be a valuable resource for professionals, researchers and others interested to gain understanding of the principles of nanoscience and benefits of nanomaterials in developing newer technology.

**MICROPROCESSOR-BASED
AGRI INSTRUMENTATION -**

KRISHNA KANT 2013-01-01

This book provides the fundamental concepts of system design using microprocessors in the field of agriculture instrumentation. It begins with an introduction to the field of agriculture and application of instrumentation in agriculture, and the book then covers the transducers specific to the agricultural field. The binary number system and arithmetic are covered as the basic building block of digital circuits and computer organization. The microprocessor basics and

Intel 8085 hardware and software have been discussed in detail. The book describes microprocessor peripheral inter-facing and its support chips such as Intel 8225, Intel 8253 and Intel 8279 along with their applications. It discusses analog to digital and digital to analog interface, CRT terminal interface and printer interface. In addition, the book includes case studies on various microprocessor applications in agriculture, such as microprocessor-based system design for grain moisture, safe grain storage, soil nutrient estimation and drip irrigation. Finally, the book ends with an advanced and futuristic topic on precision agriculture to give an exposure to students about future developments in the agricultural system. Key Features :

- From concepts to design, the book follows a step-by-step approach.
- Gives a large number of figures for easy understanding of theory.
- Includes a good number of examples and end-of-chapter exercises both in the hardware and software sections.

Presents a number of case studies on the design of microprocessor-based agri-instrumentation systems.

- Offers exercises on the case studies which can be used for further development of the concepts. The book is primarily intended for the undergraduate and postgraduate students of agricultural engineering for their courses on agri-instrumentation and microprocessor applications in agriculture.

Self-instruction in Practical Business Qualifications -

Charles Stewart Macnair 1890

Basic Electrical and Electronics Engineering - R. K. Rajput 2012

BIOMEDICAL INSTRUMENTATION AND MEASUREMENTS, 2nd Ed. -

ANANDA NATARAJAN, R. 2015-12-01

Designed as a text for the undergraduate students of instrumentation, electrical, electronics and biomedical engineering, the second edition of the book covers the entire

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range of instruments and their measurement methods used in the medical field. The functions of the biomedical instruments and measurement methods are presented keeping in mind those students who have minimum required knowledge of human physiology. The purpose of this book is to review the principles of biomedical instrumentation and measurements employed in the hospital industry. Primary emphasis is laid on the method rather than micro level mechanism. This book serves two purposes: One is to explain the mechanism and functional details of human body, and the other is to explain how the biological signals of human body can be acquired and used in a successful manner. New to the second edition • The chapters of the book have been reorganized so that the students can understand the concepts in a systematic manner. • The chapter on Bioelectric Potentials and Transducers has been divided into three new chapters on Transducers for Biomedical

Applications, Bioelectric Potential and Electrodes and some new sections are also included in these chapters. • A few sections have also been added to the chapter titled Electrical Safety of Medical Equipment and Patients.

DC Machines and

Transformers (For GTU) - K

R, Sidhdhapura & D B, Raval

This book has been written for the students of third semester of electrical engineering of Gujarat Technological University (GTU). It would also be useful for the students of third semester of power electronics branch. The book provides comprehensive knowledge of the DC machines and transformers and has an extended summary in the form of 'Key points to remember', and a large number of solved and unsolved problems. In the exercise, the questions have been presented in accordance with the GTU examination pattern. Key Features • Strictly as per the GTU syllabus • Over 125 descriptive questions • Examinations oriented approach • Includes questions

of the last five years of GTU examinations

Cyclopedia of Engineering - Louis Derr 1915

Optoelectronics and Optical Communication - Arijit Saha 2011-06

Basic Electronics - Sambunath Biswas

This is an age of Electronics. At the dawn of the new millenium, it is no denying the fact that electronics has influenced the lifestyles of mankind in a manner never seen before. In order to understand the fundamentals of electronics, basic electronics is now taught as a compulsory subject for students of all branches of engineering. This book is planned to meet the requirements of a good and up-to-date book on basic electronics. The book discusses in a clear and concise way the fundamental principles and applications of basic electronics. The readers should find the book interesting particularly with large number of objective questions, solved

problems and exercise problems.

Electrical Measurement And Control (Wbscte) - S K Bhattacharya

Electrical Measurement and Control (WBSCTE)

Physics Class XII Volume - II - SBPD Publications - D. C.

Upadhyay, Dr. J. P. Goel, Er. Meera Goyal 2021-05-06

Unit-VI : (Optics) A : Ray Optics and Optical Instruments

12.Reflection and Refraction of Light, 13.Reflection of Light at Spherical Surfaces : Lenses,

14.Prism and Scattering of Light, 15 .Chromatic and Spherical Aberration, 16.

Optical Instruments, Unit-VI : (Optics) B : Wave Optics

17.Nature of Light and Huygen's Principle, 18.

Interference of Light, 19. Diffraction of Light, 20.

Polarisation of Light, Unit-VII : Dual Nature of Matter and Radiation

21.Particle Nature of Radiation and Wave Nature of Matter, Unit-VIII : Atoms and Nuclei

22.Atomic Physics, 23 .X-Rays, 24. Structure of the Nucleus, 25. Nuclear Energy,

26. Radioactivity, Unit-IX :

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Electronic Devices
27.Semiconductor Diode and Transistor, 28.Digital Electronics, Unit-X : Communication System
29.Principles of Communication Log Antilog Table Value Based Questions (VBQ) Board Examination Papers.

Digital Principles and System Design - Dr. P.

Kannan 2016-07-01

PREFACE OF THE BOOK This book is extensively designed for the second semester CSE/IT students as per Anna university syllabus R-2013. The following chapters constitute the following units Chapter 1 and 2 covers :-Unit 1 Chapter 3 and 8 covers :-Unit 2 Chapter 4 and 5 covers :-Unit 3 Chapter 6 covers :- Unit 4 Chapter 7 covers :- Unit 5 Chapter 8 covers the Verilog HDL:- Unit 2 and 3 CHAPTER 1: Introduces the Number System, binary arithmetic and codes.

CHAPTER 2: Deals with Boolean algebra, simplification using Boolean theorems, K-map method , Quine McCluskey method, logic gates,

implementation of switching function using basic Logical Gates and Universal Gates. CHAPTER 3: Describes the combinational circuits like Adder, Subtractor, Multiplier, Divider, magnitude comparator, encoder, decoder, code converters, Multiplexer and Demultiplexer. CHAPTER 4: Describes with Latches, Flip-Flops, Registers and Counters CHAPTER 5: Concentrates on the Analysis as well as design of synchronous sequential circuits, Design of synchronous counters, sequence generator and Sequence detector CHAPTER 6: Concentrates the Design as well as Analysis of Fundamental Mode circuits, Pulse mode Circuits, Hazard Free Circuits, ASM Chart and Design of Asynchronous counters. CHAPTER 7: Discussion on memory devices which includes ROM, RAM, PLA, PAL, Sequential logic devices and ASIC. CHAPTER 8: Introduction to Verilog HDL which was chosen as a basis for the high level description used in some parts of this book. We have taken enough care to

present the definitions and statements of basic laws and theorems, problems with simple steps to make the students familiar with the fundamentals of Digital Design Electrical Craft Principles - John Whitfield 1995

The two volumes of Whitfield's Electrical craft principles have been substantially revised and updated for the mid 1990s, reflecting changes in practice and legislation (e.g. BS 7671/IEE Wiring Regulations) as well as in the City & Guilds courses they support. Volume 2 in particular has new material to accompany course changes. The volumes are presented in a new format, are highly illustrated and contain full problems and solutions. Inspection copies of the new edition are available to lecturers.

Engineering Chemistry-II (Anna University) - M.V. Sureshkumar & P. Anilkumar
Engineering Chemistry-II serves as a textbook for the second semester course for I year BE/B. Tech students of Anna University, Chennai The

book is informative and exhaustive to meet the requirements of students who aim to assimilate authentic knowledge for use during engineering course as well as in their careers. The theoretical portions have been explained in simple language, clear style with lot of solved problems and illustrated diagrams. Academic and industrial communities will find this book a valuable resource.

Key Features • Specifically designed for I year B.E. students of colleges affiliated to Anna University, Chennai. • The chapters are presented in simple language. • Suitable diagrams for clear understanding of the concepts. • The recent developments in the respective fields are included in all the chapters. • Comparative tables are presented where ever two similar concepts arise. • Many solved problems. • Review questions from previous Anna University examinations at the end of each chapter.

A Textbook of Applied Electronics (LPSPE) - Sedha

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R.S. 2022

For close to 30 years, [A Textbook of Applied Electronics] has been a comprehensive text for undergraduate students of Electronics and Communications Engineering. The book comprises of 35 chapters, all delving on important concepts such as structure of solids, DC resistive circuits, PN junction, PN junction diode, rectifiers and filters, hybrid parameters, power amplifiers, sinusoidal oscillators, and time base circuits. In addition, the book consists of several chapter-wise questions and detailed diagrams to understand the complex concepts of applied electronics better. This book is also becomes an essential-read for aspirants preparing for competitive examinations like GATE and NET.

Switchgear & Protection -

Uday A. Bakshi 2020-11-01

The knowledge of switchgear and apparatus protection plays an important role in the power system. The book is structured to cover the key aspects of the

course Switchgear & Protection for undergraduate students. The book starts with the discussion of basics of protective relaying. The book includes comprehensive coverage of faults and analysis of symmetrical and unsymmetrical faults. The book explains the protection against overvoltage, lightning arresters and power system earthing. The book covers the characteristics of various types of relays such as electromagnetic relays, induction type relays, directional relays, differential relays, thermal relays, frequency relays and negative sequence relays. The detailed discussion of distance relays and static relays is also included in the book. The book also covers the various possible faults and methods of protection of transformers, generators, motors, busbars and transmission lines. The book further explains the theory of circuit interruption and various arc interruption methods. Finally, the book incorporates various types of

circuit breakers, circuit breaker ratings and testing of circuit breakers. The book uses plain and lucid language to explain each topic. The book provides the logical method of explaining the various complicated topics and stepwise methods to make the understanding easy. Each chapter is well supported with necessary illustrations and self-explanatory diagrams. The book explains the philosophy of the subject which makes the understanding of the concepts very clear and makes the subject more interesting.

Communication Engineering-II (For Wbscte)

- Soumen Banerjee, Kaushik Das & Biswarup Rana

With the increase in human population worldwide, the need for efficient global connectivity is immense.

Telecommunication plays a crucial role in providing solution to this problem. The widespread applications of telecommunication in the fields of microwave, radars, satellites, mobiles, wireless networks, defence, bio-medical

systems, imaging sensors, etc., render immense service to mankind. The book, especially designed for the students of WBSCTE, is the second in Communication Engineering series and written keeping in mind the necessary sequence for exploring the subject.

Starting from the basics of multiplexing and its techniques, RF modulation for baseband signals, the discussion in the book extends to advanced topics like microwave amplifiers and antennas and wave propagation. KEY FEATURES • Strict adherence to the WBSCTE syllabus • Questions appeared in the examination of past 10 years provided along with their solution • Large number of MCQs provided at the end of the book

10 in One Study Package for CBSE Physics Class 12 with 5 Model Papers 2nd Edition - Disha Experts

10 in ONE CBSE Study Package Physics class 12 with 5 Sample Papers 2nd Edition has 10 key ingredients that will help you achieve success. 1.

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Chapter Utility Score which provides a score for the Importance of each chapter based on the questions asked in the various exams. 2. All India Board 2017-18 Solved Paper provided separately to understand the pattern. 3. Exhaustive theory based on the syllabus of NCERT books along with the concept maps for the bird's eye view of the chapter. 4. NCERT Solutions: All NCERT Exercise Questions fully solved. 5. VSA, SA & LA Questions: Sufficient Practice Questions divided into VSA, SA & LA type. Numericals are also included wherever required. 6. Past Years Questions: Past 10 year Questions (2007-2016) of Board Exams are also included in every chapter. 7. HOTS/ Exemplar/ Value based Questions: High Order Thinking Skill Based, Moral Value Based and Selective NCERT Exemplar Questions included. 8. Chapter Test: A time-bound test to assess your preparation in each chapter. 9. Important Formulae, Terms and Definitions for quick revision. 10. Full syllabus

Sample Papers - 5 papers with detailed solutions designed exactly on the latest pattern of CBSE Board.

Non-Conventional Energy Sources and Utilisation - RK Rajput 2012

First Edition 2012; Reprints 2013, Second Revised Edition 2014 I. The Textbook entitled "Non- Conventional Energy Sources and Utilisation" has been written especially for the courses of B.E./B. Tech. for all Technical Universities of India. II. It deals exhaustively and symmetrically various topics on "Non -Conventional Renewable and Conventional Energy and Systems." III.. Salient Features of the book: □ Subject matter has been prepared in lucid, direct and easily understandable style. □ Simple diagrams and worked out examples have been given wherever necessary. □ At the end of each chapter, Highlights, Theoretical Questions, Unsolved examples have been added to make this treatise a complete comprehensive book on the subject. In this edition, the

book has been thoroughly revised and a new Section on "SHORT ANSWER QUESTIONS" has been added to make the book still more useful to the students.

Textbook of Engineering Physics - NEERAJ MEHTA
2008-09-19

As per the syllabus of Uttar Pradesh Technical University This book is written specifically to address the course curriculum in Engineering Physics-I (EAS-101) of the B.Tech syllabus of the Uttar Pradesh Technical University. The book is designed to meet the needs of the first-year undergraduate students of all branches of engineering. It provides a sound understanding of the important

phenomena in physics. The book exposes the students to fundamental knowledge in: □ Special theory of relativity □ Wave nature of light such as interference, diffraction, and polarization □ Properties and applications of lasers □ Types of optical fibres, their geometries, and use in communication systems □ Basic principles and applications of holography Key Features □ Numerous solved examples in each chapter on the pattern of previous years' question papers to stress conceptual understanding □ Chapter-end model questions to probe a student's grasp of the subject matter □ Chapter-end numerical problems with answers to enhance the student's problem solving skills