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Managing Big Data is a simple book which introduces students and professionals to Big Data. Although the book has been designed for unassisted reading, lot of insights from the author makes this a very thoughtful book which will automatically lead to yearning for more learning on the subject.

1. '11 Years' IIT JEE Solved Papers' provides solid practice, strong and strong grip on concepts 2. Provides solved papers [2020-2010] IIT JEE (JEE Main & Advanced) for practice. 3. Inculcates problem solving skills in students 4. Step-by-step detailed solutions to questions in all three subjects 5. Builds the concept deeply from the basic level for better understanding Preparing for IIT JEE (Main & Advanced) already creates an intense atmosphere among students who are appearing in it. This revised edition of '11 years Solved Papers [2010 -2020] IIT JEE (Mains & Advanced)' is cautiously designed to improve the problem-solving skills in students. As the name of the book suggests, these previous years' solved papers from 2010 to 2020 provides thorough practice. Detailed step by step solutions and guidance to the analytical, theoretical and calculative questions of Physics, Chemistry and Mathematics, enables aspirants an in-depth conceptual understanding for the topic that help them to answer correctly on time. With the help of these Years Solved papers, this book helps to build trust for getting success out of upcoming IIT JEE Exam 2021. TABLE OF CONTENT Solved Questions Papers [2010-2020]

Elevate your vocabulary in just thirty days with this informative, fun, and accessible guide to utilizing powerful language. Do you occasionally misuse or misunderstand certain words? Do you sometimes find yourself at a loss to express exactly what you mean? Are you tired of having people seemingly talk “above” you? If you answered “yes” to any of these questions, then 30 Days to a More Powerful Vocabulary is the perfect solution. Millions of people have improved their academic performance, job skills, and self-esteem just by spending fifteen minutes a day completing the simple exercises and self-tests within this bestselling guide. You will learn, step-by-step, how to increase your language power with word roots, find persuasive words to sell your ideas, and learn new words daily with a full pronunciation key. Whether you’re a student or simply wanting to expand your vocabulary, you can enjoy a more intimate comprehension of the English language in just one month!

1. B. Pharma Entrance Examination 2021 is a one-point solution for the entrance exam? 2. The book is divided into 4 sections 3. Previous Years' Solved papers are given for the practice 4. Precise and detailed text with illustrations eases in learning the concepts 5. This book uses the easy language for better understanding Bachelor of Pharmacy (B. Pharma) is a 4 years' undergraduate program in which students study the methods and process of preparing medicines. To get into the proper college or institution one needs to clear the entrance exam that tests the suitability and apparent knowledge required for the course. The “Self Study Guide of B. Pharma Entrance Examination 2021” is an on point solution for various B. Pharma Entrances, conceived and designed as according to latest exam pattern. Precise and detailed text with illustrations makes it suitable for all categories of students. Strict approach towards the prescribed syllabus enables students to get focused preparation. Also, Last 9 Years' Solved Papers are provided following the actual trends of the exams and helping

students to get prepared accordingly. A Must have book for those who really aspire to be a pharmacist. TOC Solved Papers (2020 – 2012), Physics, Chemistry, Botany, Zoology, Appendix

In the era of information technology, organizations seek employees who have excellent communication skills. The advantage is for the individuals who, with their excellent communicative ability, are able to meet the challenges of the professional world through diverse paths such as writing, speaking, reading, and listening. This comprehensive and student friendly book dwells on various aspects of technical communication that students of science and engineering should be familiar with. Divided into two parts, Part A of the text describes in detail the planning, designing and drafting of documents for a broad range of situations and applications. The text explores the types of business letters reflecting current practices, and different techniques of drafting them. Since, in the professional settings, executives have to work in teams, the book explains various causes of communication breakdown and ways to overcome them. A separate chapter is devoted to Advertising. Part B elaborates on Group Communication taking into consideration the collective and individual requirements. This part also includes individual chapters on Effective Presentation, Non-Verbal Cues, Speeches, Interviews, and Negotiation Skills so as to orient young professionals towards new challenges. This compact book is intended primarily as a text for undergraduate students of engineering and science. Besides, students of business management would also find the book immensely valuable. In addition, the text would be a handy reference for practicing professionals who wish to hone their communication skills for achieving better results and should prove extremely useful for those involved in everyday communication. About the Book: Written by three distinguished authors with ample academic and teaching experience, this textbook, meant for diploma and degree students of Mechanical Engineering as well as those preparing for AMIE examination, incorporates the latest st

1st Time introducing a day to dat result oriented and fully solved course for sure success. Question Bank from latest competitive exams (2007-2009) for self evaluation. Must for -MBA, BANKING, and othe Exams.

Tourism as a global industry is essentially a post Second-World War phenomenon. Though a number of research papers and articles have been written on different aspects of tourism, there has been a need for an authentic, comprehensive reference book on tourism. Tourism is an ever-expanding service oriented industry with high growth potential for national as well as for international community. Today, tourism has become a global as well as national level exhibition and description of places, prosperity, higher standards of living and the fast-growing concept of paid holidays. The process of tourism incorporates man, space and time as its principal components. As such, it has far reaching significance and implications of a socio-economic nature alongside the environment ones. The tourism has emerged as a most instrumental phenomenon in the economic and social development of any society. The main objective of the present book of Tourism is to organize and put together the different aspects of this complex matrix of the multiple interrelated dimensions of the tourism.

With the invention of computers and the advent of the Internet, mobile computing and e-Business applications, Information Technology (IT) has brought rapid progress in domestic and international business, and a tremendous change in the lifestyle of people. This book provides the students not just the knowledge about the fundamentals of a computer system, like its organization, memory management and hardware devices, but also the software that run on it. The book then proceeds to describe operating systems, and the basics of programming

concepts like procedure-oriented programming and object-oriented programming. Useful application software like MS Word, MS Excel and MS PowerPoint are described in great detail in separate chapters. A complete section has been devoted to the teaching of data communication, networking and Internet. The book ends with a detailed description of the business applications of computers. **KEY FEATURES** • Incorporates basics of IT along with developing skills for using various IT tools • Includes diagrams, pictures and screenshots • Provides key terms, review questions, practical exercises, group discussions, project activities and application-based case studies in each chapter • Follows the latest curriculum and guidelines for undergraduate and postgraduate courses of various universities, colleges and institutes

A Textbook of Engineering Mathematics (For First Year ,Anna University)Laxmi PublicationsQuantum MechanicsConcepts and ApplicationsJohn Wiley & Sons

Programming in C has always been considered tricky and difficult by many, and yet no other programming language has the versatility and speed as C. This book provides various tips and tricks on C, which make life a lot easier for C programmers.

This book presents translations of selected Russian papers on the theoretical aspects of differential equations and applications of mathematical methods to modelling. These papers have been selected for their high scientific standards, innovative approaches, and topical interests.

Challenges criminologists to expand their spheres of inquiry through Shakespeare's use of law and justice themes.

This book is a comprehensive collection of chapters focusing on the core areas of computing and their further applications in the real world. Each chapter is a paper presented at the Computing Conference 2021 held on 15-16 July 2021. Computing 2021 attracted a total of 638 submissions which underwent a double-blind peer review process. Of those 638 submissions, 235 submissions have been selected to be included in this book. The goal of this conference is to give a platform to researchers with fundamental contributions and to be a premier venue for academic and industry practitioners to share new ideas and development experiences. We hope that readers find this volume interesting and valuable as it provides the state-of-the-art intelligent methods and techniques for solving real-world problems. We also expect that the conference and its publications is a trigger for further related research and technology improvements in this important subject.

This is a single-volume book on 'electrical machines' that teaches the subject precisely and yet with amazing clarity. The extent has been kept in control so that the entire subject can be covered by students within the limited time of the semesters. Thus, they will not have to consult multiple books anymore. The discussions of concepts include the modern trends used in industry, like efficient transformers, efficient induction motors, DC drives, and the problems related to them. A special feature of this book is its presentation. Important statements have been set in bold type. Key equations have been given in separate boxes so that they can be spotted easily at the time of revising. **Key Features** • Tools like 'Remember!', and 'In a Nutshell' aimed at focusing attention on important related points • 'Key Points to Remember' at the end of each chapter to facilitate recapitulation of text in fast mode • Appendix at the end of the book to provide additional useful information on machines • More than 250 focused solved examples • More than 300 numerical questions • More than 400 descriptive questions

Fueled by ongoing and increasing consumer demand, the explosive growth in spectrum-based communications continues to tax the finite resources of the available spectrum. One possible solution, Cognitive Radio Network (CRN), allows unlicensed users opportunistic access to licensed bands without interfering with existing users. Although some initial study has been conducted in this field, researchers need a systematic reference book that presents clear definitions, functions, and current challenges of the CRNs. Cognitive Radio Networks presents

state-of-the-art approaches and novel technologies for cognitive wireless radio networks and sheds light on future developments in these areas. Comprising the contributions of many prominent world-wide cognitive radio researchers, this book covers all CRN essentials including spectrum sensing, spectrum handoff, spectrum sharing, and CRN routing schemes. Divided into five parts, the book addresses the physical layer, medium access control, the routing layer, cross-layer considerations and advanced topics in cognitive radio networks. The chapters also review research, management, support, and cognitive techniques such as position and network awareness, infrastructure and physical and link layer concerns. The editors of this volume are noted experts in the field of wireless networks and security. Dr. Yang Xiao's research has been supported by the U.S. National Science Foundation (NSF), U.S. Army Research, Fleet & Industrial Supply Center San Diego (FISCSD), and the University of Alabama's Research Grants Committee. Dr. Fei Hu has worked with NSF, Cisco, Lockheed Martin, Sprint, and other organizations. By bringing together the combined input of international experts, these editors have advanced the field of this nascent technology and helped to forge new paths of discovery for progressive communications possibilities.

Catalysis in Electrochemistry: From Fundamental Aspects to Strategies for Fuel Cell Development is a modern, comprehensive reference work on catalysis in electrochemistry, including principles, methods, strategies, and applications. It points out differences between catalysis at gas/surfaces and electrochemical interfaces, along with the future possibilities and impact of electrochemical science on energy problems. This book contributes both to fundamental science; experience in the design, preparation, and characterization of electrocatalytic materials; and the industrial application of electrocatalytic materials for electrochemical reactions. This is an essential resource for scientists globally in academia, industry, and government institutions.

Quantum Mechanics: Concepts and Applications provides a clear, balanced and modern introduction to the subject. Written with the student's background and ability in mind the book takes an innovative approach to quantum mechanics by combining the essential elements of the theory with the practical applications: it is therefore both a textbook and a problem solving book in one self-contained volume. Carefully structured, the book starts with the experimental basis of quantum mechanics and then discusses its mathematical tools. Subsequent chapters cover the formal foundations of the subject, the exact solutions of the Schrödinger equation for one and three dimensional potentials, time-independent and time-dependent approximation methods, and finally, the theory of scattering. The text is richly illustrated throughout with many worked examples and numerous problems with step-by-step solutions designed to help the reader master the machinery of quantum mechanics. The new edition has been completely updated and a solutions manual is available on request. Suitable for senior undergraduate courses and graduate courses.

This major reference work provides the most up-to-date research advances and theories in cognitive radio technology, from cognitive radio principles and theory to cognitive radio standards and systems, from fundamental limits of cognitive radio channels to cognitive radio networks, from the current cognitive radio practices and examples to future 5G cognitive cellular networks. This handbook will include some emerging applications of cognitive radio in areas such as smart grid, internet-of-things, big data, small cell/heterogeneous networks, and in 5G. The potential readers include postgraduate students, academic staff, telecommunications engineering, spectrum policy makers, and industry entrepreneurs.

The Pearson Guide to Quantitative Aptitude for CAT 2/e has everything you need

to secure a top score in the quantitative aptitude papers of the CAT and other MBA entrance examinations. Written in a student-friendly style, this book explains concepts in a concise manner and includes numerous examples and worked-out problems. It also contains ample practice problems, scientifically designed and arranged in four levels (in an increasing order of difficulty). The text also contains a chapter on Vedic mathematics, which provides unique time-saving and easy techniques for complex calculations.

For B.E./B.Tech. / B.Arch. Students for First Semester of all Engineering Colleges of Maha Maya Technical University, Noida and Gautam Buddha Technical University, Lucknow

This richly illustrated textbook, now in its Second Edition, continues to provide a solid fundamental treatment of the essential concepts of machine drawing. The book is suitable for students pursuing courses in mechanical engineering (and its related branches) both at the undergraduate degree and diploma levels. The students are first introduced to the standards and conventions of basic engineering drawing. The machine elements such as fasteners, bearings, couplings, shafts and pulleys, pipes and pipe joints are discussed in depth before moving on to detailed drawings of components of steam engines, IC engines, boilers, and machine tools. Gears are covered in a separate chapter. Finally, the book introduces the students to the principles of computer-aided drafting and designing (CADD) to prepare them to use software tools effectively for the production of computerised accurate drawings. This Second Edition includes three new chapters, namely Fits and Tolerances, Assembly Drawings, and Freehand Sketching, and a revamped chapter on Gears. Besides, all the earlier chapters have been revised and enlarged with numerous new topics and worked-out examples. Key Features Provides first and third angle projections Follows the standards set by the Bureau of Indian Standards as per IS:696–1972/SP:46–1988 Contains multiple-choice questions and practice exercises

Struts 2 is a textbook that offers comprehensive coverage of the important subject of Struts 2. Written in simple language and following a logical approach, it first explains the basic concepts and then proceeds to address complex topics. This book begins by introducing the students to small examples and then leads them to an exhaustive project. A careful reading of this book will familiarize the students with the Struts framework to the extent that they can easily design it. The book deals with the concept of Struts architecture, interceptors and XML files extensively. The project illustrated in the book will give the users confidence to appear in interviews and conduct similar and bigger projects. Key Features • Step by step approach toward each program • Tiles, Validator • Coverage of results, UI Tags, struts-default.xml • Coverage of OGNL, Internationalization and Value • Systematic approach and easy-to-understand language

"Engaged Philosophy" is an invaluable collection for anyone who has engaged with Braybrooke's writings or is interested in the future directions North American

and postgraduate science courses in Computer Science and Information Technology. Fundamentals of Computing and Programming in C is specifically designed for first year engineering students covering the syllabus of various universities. It provides a comprehensive introduction to computers and programming using C language. The topics are covered sequentially and blended with examples to enable students to understand the subject effectively and imbibe the logical thinking required for software industry applications. KEY FEATURES • Foundations of computers • Contains logical sequence of examples for easy learning • Efficient method of program design • Plenty of solved examples • Covers simple and advanced programming in C

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