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Rapid Review of Clinical Medicine for MRCP Part 1 Digital Communications Data Privacy and GDPR Handbook Rapid Review of Clinical Medicine for MRCP Part 2, Second Edition Digital Image Processing Communication Systems My Happily Ever After Patient Capital Chemistry Simplified NCERT Class 12 Production Parameters Pioneering Family Firms' Sustainable Development Strategies Signals and Systems Stakeholders, the Environment and Society Heavy Metals In Water Analog Communication (Rgvp) Electronic Principles Inventory Planning with Forecasting Expenditure Key Clinical Topics in Cardiology Wireless & Cellular Communications Pullela Gopi Chand Inventory Parameters Communication Engineering The ESC Textbook of Sports Cardiology IOC Manual of Sports Cardiology Chemistry Simplified NCERT Class 11 Dis-Orienting Rhythms NEET Exploring Biology Vol-1 Digital Signal Processing Machine Learning Approaches for Convergence of IoT and Blockchain Digital Communications Op- Amps And Liner Integrated Circuit (2nd Edition) Analog Communication Systems The Food and Beverage Hospitality Industry in India Green Chemistry for Environmental Sustainability Manufacturing Inventory and Supply Analysis Courage Beyond Compare: How Ten Athletes Overcame Disability and Adversity to Emerge Champions Practical ECG for Exercise Science and Sports Medicine Industrial Consultancy Corporate Environmental Strategy and Competitive Advantage Handbook of Biology

This book highlights the latest research on dissolved heavy metals in drinking water and their removal. Biography of Pullela Gopi Chand, b. 1973, Indian badminton player. MACHINE LEARNING APPROACHES FOR CONVERGENCE OF IOT AND BLOCKCHAIN The unique aspect of this book is that its focus is the convergence of machine learning, IoT, and blockchain in a single publication. Blockchain technology and the Internet of Things (IoT) are two of the most impactful trends to have emerged in the field of machine learning. Although there are a number of books available solely on the subjects of machine learning, IoT and blockchain technology, no such book has been available which focuses on machine learning techniques for IoT and blockchain convergence until now. Thus, this book is unique in terms of the topics it covers. Designed as an essential guide for all academicians, researchers, and those in industry who are working in related fields, this book will provide insights into the convergence of blockchain technology and the IoT with machine learning. Highlights of the book include: Examines many industries such as agriculture, manufacturing, food production, healthcare, the military, and IT Security of the Internet of Things using blockchain and AI Developing smart cities and transportation systems using machine learning and IoT Audience The target audience of this book is professionals and researchers (artificial intelligence specialists, systems engineers, information technologists) in the fields of machine learning, IoT, and blockchain technology. This book 'Signals and Systems' is a detailed textbook designed for undergraduate students of various branches of Engineering. The book uses a student-friendly approach to explain the fundamental concepts of Signals and Systems. It includes a large number of solved examples with step-by-step solutions for easier understanding of the theoretical concepts. Beginning with concepts of signals, the book moves on to other topics such as convolution and correlation of signals, CTFS, DTFS, CTFT, Sampling, Laplace Transform, and Z-Transform. Further, the subject matter is presented by illustrating the concepts first through theoretical concepts along with mathematical reasoning and then through solved examples. Solving the number of multiple choice questions and numerical exercises at the end of the chapters will help students to apply the concepts learnt in the chapters. This reference text discusses models and analyzes cases that are useful for material requirements planning (MRP), just-in-time (JIT) environments and supply chain environments, as well as traditional production-inventory systems. It covers important concepts, including production-inventory systems, optimal purchase quantity, optimal production quantity, instantaneous procurement, multiple input items, sensitivity analysis, multiproduct manufacturing, determination of optimum cycle time, fractional backlogging, and incorporating input item procurement and flexibility in the production rate. Aimed at senior undergraduate and graduate students, and

professionals in the field of industrial engineering, production engineering and manufacturing science, this text: Provides detailed models/analysis pertaining to various cases which are useful for material requirements planning and supply chain environments Elaborates manufacturing rate flexibility, demand variation and production rate variation Discusses the multi-item manufacturing environment and presents models with backorders, as well as fractional backlogging Analyzes flexible production rates, along with upward and downward variations The book 'Electronic Principles' is a comprehensive textbook for the students of B. E., B. Tech, B.Sc., diploma and various other Engineering Disciplines. The book provides an in-depth coverage and comprehensive discussion on essential concepts of Electronics Engineering. The book begins with detailed explanation of classification of semiconductors, transport phenomena in semiconductor and Junction diodes. It also covers circuit modeling techniques for bipolar junction transistors, used in designing amplifiers. The textbook discusses design construction and operation principle for junction gate field-effect transistor, silicon controlled rectifier and operational amplifier. It also includes chapters on Introduction to logic circuits, De Morgan's theorem and digital circuits. Applications of oscillators, silicon controlled rectifier and operational amplifier have also been covered in great details. Pedagogical features including solved problems, multiple choice questions and unsolved exercises are interspersed throughout the book for better understating of concepts. This text is the ideal resource for first year undergraduate engineering students taking an introductory course in fundamentals of electronics engineering/principles of electronics engineering. Biology of higher level has too many concept and remembering all them on tips all the time is not an easy task. Handbook of Biology is an important, useful and compact reference book suitable for everyday study, problem solving or exam revision for class XI - XII, Medical entrances and other medical Competitive. This book is a multi-purpose quick revision resource that contains almost all key notes, Diagrams, Flow Charts, Terms and Definitions that all students & professionals in biology will want to have this essential reference book within easy reach. Its unique format displays flow charts & diagrams clearly and 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 biology. A stimulating and crisp extract of fundamental biology 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 The Living World, Biology Classification, Plant Kingdom, Animal Kingdom, Morphology of Flowering Plants, Anatomy of Flowering Plants, Structural Organisation in Animals, Cell: The Unit of Life, Biomolecules, Cell Cycle and Cell Division, Transport in Plants, Photosynthesis in Higher Plants, Respiration in Plants, Plant Growth and Development, Digestion and Absorption, Breathing and Exchange of Gases, Excretory Products and Their Elimination, Locomotion and Movement, Neural Control and Coordination, Chemical Coordination and Integration, Reproduction in Organisms, Sexual Reproduction in Flowering Plants, Human Reproduction, Reproductive Health, Principles of Inheritance and Variation, Molecular Basis of Inheritance, Evolution, Human Health and Diseases, Strategies for Enhancement in Food Production, Microbes in Human Welfare, Biotechnology: Principles and Processes, Biotechnology and Its Applications, Organisms and Population, Ecosystem, Biodiversity and Conservation, Environmental Issues, Appendix. Following the super-success of their MRCP Part 2 volume, the authors adapt their special teaching skills to the needs of MRCP Part 1 and similar exams in internal medicine. The book consists of 360 'Best of 5' multiple choice questions (1,800 clinical decision) reflecting the latest exam format. It covers all areas of clinical medicine needed by exam candidates and includes psychiatry and applied basic science. The answers contain full didactic explanations to ensure the reader understands each condition or topic, and features lists, tables and tutorials to guide candidates in their revision and exam technique. The book has proved invaluable to young doctors studying for higher exams in internal medicine and to medical tutors preparing post graduate examinations. The definitive guide for ensuring data privacy and GDPR compliance Privacy regulation is increasingly rigorous around the world and has become a serious concern

for senior management of companies regardless of industry, size, scope, and geographic area. The Global Data Protection Regulation (GDPR) imposes complex, elaborate, and stringent requirements for any organization or individuals conducting business in the European Union (EU) and the European Economic Area (EEA)—while also addressing the export of personal data outside of the EU and EEA. This recently-enacted law allows the imposition of fines of up to 5% of global revenue for privacy and data protection violations. Despite the massive potential for steep fines and regulatory penalties, there is a distressing lack of awareness of the GDPR within the business community. A recent survey conducted in the UK suggests that only 40% of firms are even aware of the new law and their responsibilities to maintain compliance. The Data Privacy and GDPR Handbook helps organizations strictly adhere to data privacy laws in the EU, the USA, and governments around the world. This authoritative and comprehensive guide includes the history and foundation of data privacy, the framework for ensuring data privacy across major global jurisdictions, a detailed framework for complying with the GDPR, and perspectives on the future of data collection and privacy practices. Comply with the latest data privacy regulations in the EU, EEA, US, and others Avoid hefty fines, damage to your reputation, and losing your customers Keep pace with the latest privacy policies, guidelines, and legislation Understand the framework necessary to ensure data privacy today and gain insights on future privacy practices The Data Privacy and GDPR Handbook is an indispensable resource for Chief Data Officers, Chief Technology Officers, legal counsel, C-Level Executives, regulators and legislators, data privacy consultants, compliance officers, and audit managers. The role of stakeholders is integral to corporate sustainability as society increasingly demands that corporations play a role in achieving environmental objectives in addition to building shareholder wealth. In this, the first book to gather cutting-edge Key Clinical Topics in Cardiology presents a brand new addition to the Key Clinical Topics series. The book provides a comprehensive overview of the subject, comprising over 60 carefully selected topics in alpha order that together provide an extensive understanding of the management of cardiovascular disorders. This collection of highly practical guides systematically addresses management techniques for a large number of clinical settings. Edited by experienced specialists, with contributions from consultants who have recognised expertise in their field, this book provides an authoritative and up-to-date guide on cardiovascular medicine. Designed to enable rapid access to core information, KCT Cardiology offers effective exam revision and the ideal quick reference for day-to-day practice. Key points Over 60 topics presented in alpha order, from acute advanced life support to tumours Effective exam revision for postgraduate trainees in cardiology preparing for certification Succinct coverage of cardiac treatment modalities and complications Includes clinical photos and diagrams to improve understanding of concepts Contributions from experienced specialists to ensure authoritative, accurate content Practical ECG for Exercise Science and Sports Medicine guides readers from theory to applied interpretation of the normal and abnormal ECG traces using over 70 real-life ECG readouts. The ten sportspeople profiled in Courage beyond Compare-champions in disciplines as diverse as athletics, long-distance swimming, badminton and cricket, who have brought glory to the country both in national and international arenas—overcame immense physical limitations to reach the pinnacle in their chosen fields. Powerful and inspiring, these stories are heart-warming reminders that a strong mind, steely will and dogged determination almost always triumph over the limitations of the human body. At the same time, Courage beyond Compare brings into sobering focus how far India must still go to ensure an equitable society for the differently abled, and how little it cares for the sportspeople who move heaven and earth for the glory of the nation. This book presents the story of growth and change of what is still a largely unorganized food and beverage service industry in India. With the authors' vast experience in both industry and academia, the volume provides a holistic perspective of the current status of the food and beverage industry in India and identifies the topical issues and the challenges. The authors offer an insightful discussion on where the industry is headed and how it can move from top-line driven growth to a bottom-line supported one. The book 'Digital Communications' is meant for the students of Electronics and Communication, Computer Science, Electrical Engineering, Electrical and Electronics Engineering and Information Technology branches, both at undergraduate and post-graduate levels. In this book, the basic principles involved in the analysis and design of Digital Communication Systems are presented with an overall aim of helping the students to develop an intuitive idea about the theory under discussion. It is a well-designed textbook for self-study as

well as a reference for anyone who has interest in studying Digital Communications. The book, though comprehensive, has been developed in a reader-friendly fashion by providing numerous pedagogical aids for the study of Digital Communication Systems. Keshav is a small-town guy, who lands up in Delhi for his engineering degree in a well-known college. The twist in his tale is - he does not want to be an engineer. He wants to be an author. When fate brings him face to face with Aditi, he is stumped by her beauty and heavenly voice. Like him, her dreams lie elsewhere. She aspires to be a singer, and not an engineer. They bond over their dreams and passion, and a deep bond is forged. But just when things are going great between the two, a turning point pulls them apart. While she leaves him to pursue her dreams, he plunges into depression and anxiety. My Happily Ever After is a heartwarming tale of electrifying friendships, life-altering dreams, and everlasting love which will motivate you to live the life of your dreams. This book is an invaluable resource with 400 self-assessment cases and data interpretation questions covering all aspects of internal medicine. It has great breadth of coverage, superb illustration, lively presentation, precise answers and detailed discussion. This book provides a detailed overview of various parameters/factors involved in inventory analysis. It especially focuses on the assessment and modeling of basic inventory parameters, namely demand, procurement cost, cycle time, ordering cost, inventory carrying cost, inventory stock, stock out level, and stock out cost. In the context of economic lot size, it provides equations related to the optimum values. It also discusses why the optimum lot size and optimum total relevant cost are considered to be key decision variables, and uses numerous examples to explain each of these inventory parameters separately. Lastly, it provides detailed information on parameter estimation for different sectors/products. Written in a simple and lucid style, it offers a valuable resource for a broad readership, especially Master of Business Administration (MBA) students. Aims to produce a new understanding of the world significance of South Asian culture in multi-racist societies. It focuses on the role that contemporary South Asian dance music has played in the formation of a new urban cultural politics. When the Nobel Prize Committee recognized the importance of green chemistry with its 2005 Nobel Prize for Chemistry, this relatively new science came into its own. Although no concerted agreement has been reached yet about the exact content and limits of this interdisciplinary discipline, there seems to be increasing interest in environmental topic Competitive exams have been the new approach to life, for all students. Every good college is attainable through a National or Regional Level exam. NCERT Textbooks have become the benchmark for syllabus and theory for these exams. Every student needs to learn these textbooks by heart. But it's always compact and feels short. Simplified NCERT from Arihant is one of a kind reference book which helps student to grasp all key points and concepts in a simple manner which is easy to retain yet clearing all concepts. Chemistry as a subject needs visualization to learn, the latest edition has been made in such a way that you can attain the entire chemistry concept in an easy and interactive language. The book is developed volume wise to cater class wise needs. TABLE OF CONTENT Some Basic Concepts of Chemistry, Atom ka Structure, Elements ka Classification aur Properties mein Periodicity, Chemical Bonding and Molecular Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, The s-Block Elements, The p-Block Elements, Organic Chemistry- Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry. Exploration of environmental sustainability using the family business lens for fresh insights on balancing short-term financial performance with long-term corporate sustainability strategies. This book describes the sustainable development journey of 15 business families committed to using their enterprises as a force of societal good. In turn, each family reaps benefits of high economic returns, while contributing to society and environment. The youngest family firm is in its 20s, while there are others over 100 years of age. Size, industry, locations vary. But all these business families share a deep shared commitment towards sustainable development, control over strategic decision-making in their firms and trans-generational continuity intentions. Family values embed their enterprises with a strong sense of purpose to achieve their chosen sustainable development goals. Professionalized systems and processes foster the development of capabilities, and partnerships with a variety of stakeholders ensure the simultaneous achievement of social, environmental and profitability goals. This book provides an in-depth analysis of industrial consultancy on a variety of issues and aspects including operations and services. This book: Looks at both individual-level consultancy and consultancy for firms, companies, or institutions. Uses observations, examples, and case studies to bring together key themes:

consulting approach; production operations vs. services consulting; location and facilities criteria; human-machine interaction; lead time objective; outsourcing decisions and management; and infrastructure influence along with consultancy objectives, strategic considerations, and conflict resolution. Presents a comprehensive understanding of industrial consultancy and services offered to a wide range of industries, across type, size, and scale, including manufacturing, pharmaceutical, fabrication, and transformer industries. The first of its kind, this book will be a useful resource for industry and management professionals as well as scholars and researchers of business management, business economics, operations, entrepreneurship and organizational behaviour, and engineering. The book 'Analog Communication Systems' has been designed for the undergraduate students as well as the faculty of electrical, electronics, and communications engineering. It provides an exhaustive coverage on the fundamental concepts and recent developments in Analog Communication Systems. The book follows a bottom-up approach by building up the basic concepts of conventional modulation systems initially and then describing the latest trends in communications towards the end. It covers, after a brief introduction on the concepts of communication theory, chapters on Amplitude modulation, Angle modulation, Pulse modulation and also discusses other relevant topics. The book also provides a separate chapter on "Noise" highlights the different type of Noise encountered in Communication systems and their effect on various types of Modulation. Written in a lucid manner, the book includes a large number of circuit diagrams, worked out examples, important formulae, and questions for practice, thereby, enabling the students to have a sound grasp of the concepts presented in the book and their applications. Competitive exams have been the new approach to life, for all students. Every good college is attainable through a National or Regional Level exam. NCERT Textbooks have become the benchmark for syllabus and theory for these exams. Every student needs to learn these textbooks by heart. But it's always compact and feels short. Simplified NCERT from Arihant is one of a kind reference book which helps student to grasp all key points and concepts in a simple manner which is easy to retain yet clearing all concepts. Chemistry as a subject needs visualization to learn, the latest edition has been made in such a way that you can attain the entire chemistry concept in an easy and interactive language. The book is developed volume wise to cater class wise needs. TABLE OF CONTENT The Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, Elements ke Isolation ke General Principles evmProcesses, The p-Block Elements, The d-and f-Block Elements, Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones va Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday Life Sports and exercise have been intensely advocated as protective lifestyle measures which prevent or reduce the risk of severe health issues, including cardiovascular disease. More extreme forms of sports (for instance at high altitudes) have been identified as an important way of promoting cardiovascular adaptation, but have also been associated with adverse effects and even major cardiovascular events in predisposed individuals. Participating in more commonplace sports and exercise, such as football, may also increase a person's risk of cardiac events. This publication is timely in the light of a burgeoning number of clinical papers in the field. The ESC Textbook of

Sports Cardiology provides an overview of the detection and treatment of cardiovascular disease in elite athletes and young sports professionals in training, as well as prevention. It will be useful for clinical cardiologists, sports physicians, and general physicians alike. Split into 11 key areas in sports cardiology, ranging from sudden cardiac death in athletes to the most common cardiovascular abnormalities seen in athletes, and to the effects of substance abuse and doping, the text is an invaluable resource covering all aspects of sports cardiology. Access to the digital version of the textbook is included with purchase of the printed version. Highly illustrated with embedded multimedia features, together with cross-referenced links to related content and primary research data in major journals in the field, the digital version provides users with a dynamic and forward-thinking resource. The ESC Textbook of Sports Cardiology is the second textbook from the European Association of Preventive Cardiology (EAPC) and aligns with ESC clinical practice guidelines and EAPC recommendations and position papers. "The first book to gather cutting-edge research on this complex relationship, Corporate Environmental Strategy and Competitive Advantage presents conceptual ideas and empirical findings, as well as a valuable review of extant literature and future directions for researchers." "Scholars, consultants and managers from business, the public sector, NGOs, international development institutions, and government working at the interface of business and the natural environment will find this book a necessary addition to their library."--BOOK JACKET. In industrial or business cases, purchasing and procurement are significant functions. Usually, a procurement plan is prepared based on certain predictions of consumption patterns or demand. When this plan is implemented, the benefit is obtained corresponding to forecast accuracy. In the available literature, forecasting accuracy is frequently discussed. A need is established to link forecasting accuracy with forecasting expenditures. After an explicit inclusion of the forecasting expenditure, this book describes inventory planning for procurement and production. FEATURES Discusses forecasting expenditure in detail Provides an analysis of reduction and increase in forecasting expenditures Highlights advanced concepts that include procurement inventory, production planning, and priority planning in detail Examines an approach in relation to the inclusion of an explicit cost of forecasting Covers total cost formulation, modified total cost, relevant index, threshold value, and cost of forecasting in a comprehensive manner with the help of examples Inventory Planning with Forecasting Expenditure is useful for undergraduate and postgraduate students in engineering and management and has potential for elective and supplementary core courses. Chapter 8 Cardiovascular Screening for the Prevention of Sudden Cardiac Death in Athletes Introduction; The Risk of Sudden Death in Athletes; Rationale for Screening Competitive Athletes; The Screening Programmes Implemented in Italy; Rationale for Including a 12-Lead ECG in the PPE ; Efficacy of Screening to Identify Cardiac Disease Risk; Impact of the Screening Programme on Cardiac Mortality; Costs of Systematic Screening across Italy; Limitations of Screening Programmes; Conclusion; References Provides a good understanding of various parameters and factors involved in the analysis of production and manufacturing processes. Several examples are examined that consider each parameter individually.

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