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KEY=WORKBOOK - TIANA HAIDEN

TARGET SBI BANK PO 20 PRACTICE SETS PRELIMINARY & MAIN WORKBOOK WITH 5 ONLINE TESTS (ENGLISH 6TH EDITION)

Disha Publications • **Target SBI Bank PO Exam 20 Practice Sets Workbook (English Edition)** is the 6th edition written exclusively for the New pattern Exam being conducted by SBI for recruitment in PO in the SBI. • The book provides 20 Practice Sets - 5 Preliminary Exam Tests + 15 Main Exam Mains Tests (10 in the book and 5 as Online Tests) & 10 Descriptive Tests - designed exactly on the pattern of the latest SBI Bank PO Exam. • The Preliminary Test contains all the 3 sections - Reasoning Ability, Quantitative Aptitude and English Language - as per the latest pattern. • The Main Mains Test contains all the 4 variety of tests - Reasoning and Computer Knowledge, Data Analysis & Interpretation, General/ Banking/ Economy Awareness and English Language - as per the latest pattern. • The Subjective Tests contains Essay Writing, Letter Writing and Paragraph Writing as per the latest pattern suggested by SBI. • The solution to each type of Test is provided at the end of the book. • The General Awareness section in the Main Test of each Practice Set contains questions from General Awareness, Current Affairs, Banking and Economic Awareness . • The book also provides detailed solutions to the June 2014, April 2013, July 2011, August 2011, June 2015 Prelim, July 2015 Main question, 2016 Prelim & Main papers of the SBI PO Exam. • This book will really help the students in developing the required Speed and Strike Rate, which will increase their final score in the exam. **FEATURES OF THE ONLINE TESTS** 1. The student gets to know his result immediately after the test is submitted. 2. Section-wise, Test-wise Reports are generated for the candidate. 3. Performance report across the 5 test also gets generated as the student appears in the 5 tests.

THE STANFORD MATHEMATICS PROBLEM BOOK

WITH HINTS AND SOLUTIONS

Courier Corporation Based on Stanford University's well-known competitive exam, this excellent mathematics workbook offers students at both high school and college levels a complete set of problems, hints, and solutions. 1974 edition.

SOFTWARE QUALITY AND JAVA AUTOMATION ENGINEER SURVIVAL GUIDE

BASIC CONCEPTS, SELF REVIEW AND INTERVIEW PREPARATION

Eveydayon Press The book is about Software Quality Engineering with basic concepts, self-review, interviews preparation for java based projects test automation in a practical sense with questions and answers mode. There are about 500+ questions and answers to ease on understanding the concepts and review purpose. There are 15 core skills covered in this book as listed below. 1. Software Development Life Cycle (SDLC), 2. Software Quality Concepts, 3. OOPS, 4. XML, 5. XPath, 6. SCM/SCCS(SVN/GIT), 7. Unix/Linux, 8. Java & JDBC, 9. ANT, 10. Maven, 11. JUnit, 12. TestNG, 13. Jenkins/Hudson (CI), 14. Web Applications Testing - Selenium, 15. Web Services - SOAP/REST API. This book is aimed at beginners to the software quality and also useful for experienced quality engineers to assess and be on top of relevant skills. Here the author is considering "Quality Assurance" and "Quality Engineering" as same to carry out the similar effort except that to stress the importance of applying the Engineering principles rather than simply repeating the assurance test actions. This book should help in making sure that you get the basic core concepts, working knowledge and in summary as a survival guide for programming and automation with all required skills. The goal is not to aim at making you an expert at one skill or entirely on these skills. For the Manual QA engineer, this book helps in understanding quality concepts, SDLC (Software Development Life Cycle), technical terminology, etc. Also, this helps in moving from manual to automation engineer. It is also useful for Developers working on Java projects because Java programming, unit testing and most of the other skills are in common with QA automation. Also, it gives understanding some of the test frameworks and terminologies in the test development. Finally, this book is an attempt to share and build confidence in core skills for Software quality engineering.

THE DISCRETE MATH WORKBOOK

A COMPANION MANUAL USING PYTHON

Springer This practically-focused study guide introduces the fundamentals of discrete mathematics through an extensive set of classroom-tested

problems. Each chapter presents a concise introduction to the relevant theory, followed by a detailed account of common challenges and methods for overcoming these. The reader is then encouraged to practice solving such problems for themselves, by tackling a varied selection of questions and assignments of different levels of complexity. This updated second edition now covers the design and analysis of algorithms using Python, and features more than 50 new problems, complete with solutions. Topics and features: provides a substantial collection of problems and examples of varying levels of difficulty, suitable for both laboratory practical training and self-study; offers detailed solutions to each problem, applying commonly-used methods and computational schemes; introduces the fundamentals of mathematical logic, the theory of algorithms, Boolean algebra, graph theory, sets, relations, functions, and combinatorics; presents more advanced material on the design and analysis of algorithms, including Turing machines, asymptotic analysis, and parallel algorithms; includes reference lists of trigonometric and finite summation formulae in an appendix, together with basic rules for differential and integral calculus. This hands-on workbook is an invaluable resource for undergraduate students of computer science, informatics, and electronic engineering. Suitable for use in a one- or two-semester course on discrete mathematics, the text emphasizes the skills required to develop and implement an algorithm in a specific programming language.

HANDS ON COMPUTER ARCHITECTURE 1500+ MCQ E-BOOK

HANDY E-BOOK SERIES FOR ALL I.T EXAMS & INTERVIEWS.

STCD COMPANY Our 1500+ Computer Architecture Questions and Answers focuses on all areas of Computer Architecture subject covering 100+ topics in Computer Architecture. These topics are chosen from a collection of most authoritative and best reference books on Computer Architecture. One should spend 1 hour daily for 15 days to learn and assimilate Computer Architecture comprehensively. This way of systematic learning will prepare anyone easily towards Computer Architecture interviews, online tests, Examinations and Certifications. Highlights □ 1500+ Basic and Hard Core High level Multiple Choice Questions & Answers in Computer Architecture with Explanations. □ Prepare anyone easily towards Computer Architecture interviews, online tests, Government Examinations and certifications. □ Every MCQ set focuses on a specific topic in Computer Architecture. □ Specially designed for IBPS IT, SBI IT, RRB IT, GATE CSE, UGC NET CS, KVS PGT CS, PROGRAMMER and other IT & Computer Science related Exams. Who should Practice these Computer Architecture Questions? □ Anyone wishing to sharpen their skills on Computer Architecture. □ Anyone preparing for aptitude test in Computer Architecture. □ Anyone preparing for interviews (campus/off-campus interviews, walk-in interviews) □ Anyone preparing for entrance examinations and other competitive examinations. □ All - Experienced,

Freshers and Students.

HANDS ON OPERATING SYSTEMS 1500 MCQ

HANDY BOOK SERIES FOR ALL I.T EXAMS & INTERVIEWS

STCD COMPANY Our 1500+ Operating Systems questions and answers focuses on all areas of Operating Systems subject covering 100+ topics in Operating Systems. These topics are chosen from a collection of most authoritative and best reference books on Operating Systems. One should spend 1 hour daily for 15 days to learn and assimilate Operating Systems comprehensively. This way of systematic learning will prepare anyone easily towards Operating Systems interviews, online tests, examinations and certifications. You can watch basic Operating Systems video lectures by visiting our YouTube channel IT EXAM GURUJI. Highlights ----- □
 1500+ Basic and Hard Core High level Multiple Choice Questions & Answers in Operating Systems with explanations. □ Prepare anyone easily towards Operating Systems interviews, online tests, Government Examinations and certifications. □ Every MCQ set focuses on a specific topic in Operating Systems. Who should Practice these Operating Systems Questions? □ Anyone wishing to sharpen their skills on Operating Systems. □ Anyone preparing for aptitude test in Operating Systems. □ Anyone preparing for interviews (campus/off-campus interviews, walk-in interview & company interviews) □ Anyone preparing for entrance examinations and other competitive examinations. □ All - Experienced, Freshers and Students.

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CRACKING THE CODING INTERVIEW

150 PROGRAMMING INTERVIEW QUESTIONS AND SOLUTIONS

CreateSpace Now in the 5th edition, *Cracking the Coding Interview* gives you the interview preparation you need to get the top software developer jobs. This book provides: **150 Programming Interview Questions and Solutions:** From binary trees to binary search, this list of 150 questions includes the most common and most useful questions in data structures, algorithms, and knowledge based questions. **5 Algorithm Approaches:** Stop being blindsided by tough algorithm questions, and learn these five approaches to tackle the trickiest problems. **Behind the Scenes of the interview processes at Google, Amazon, Microsoft, Facebook, Yahoo, and Apple:** Learn what really goes on during your interview day and how decisions get made. **Ten Mistakes Candidates Make -- And How to Avoid Them:** Don't lose your dream job by making these common mistakes. Learn what many candidates do wrong, and how to avoid these issues. **Steps to Prepare for Behavioral and Technical Questions:** Stop meandering through an endless set of questions, while missing some of the most important preparation techniques. Follow these steps to more thoroughly prepare in less time.

EXAM MADE EASY

DATABASE MANAGEMENT SYSTEMS

Educreation Publishing The Technical education in India is changing rapidly in the emerging fields to meet future challenges. Newer areas like Bigdata and Datascience have become extended database subjects. In this process, UNIVERSITY has revised the syllabus for B.E/ B.Tech, B.Sc (Computer Science), BCS, MCA to incorporate the latest developments in technology. In view of this, the book covers the latest revised syllabus of ANNA UNIVERSITY for the subject "DATABASE MANAGEMENT SYSTEMS" for the B.E / B.Tech students/ BCA, B.Sc (Computer Science)/ MCA. The book "UNIVERSITY Q & A for DATABASE MANAGEMENT SYSTEMS" has been compiled for students studying at undergraduate level and covers almost all topics required to enhance the knowledge in Database Management Systems. The book is organized in a way to help beginners in understanding the database concepts better. This book owes its existence to the collaboration made possible by the Internet and the free software movements. Salient features of this Book. This book provides 500 + multiple choice questions on Database Management Systems, separated into 30 categories. The questions have been used in examinations for undergraduate introductory courses and as such reflect the focus of these particular courses and are pitched at the level to challenge students that are beginning their training in Database Management Systems. This book provides 200+ Two Marks Questions and Answers, 100+ Sixteen Mark Questions and Previous year Question Papers.

HANDS ON OBJECT ORIENTED PROGRAMMING 1000 MCQ (EBOOK)

HANDY E-BOOK SERIES FOR ALL I.T EXAMS & INTERVIEWS.

STCD COMPANY Our 1000+ Object Oriented Programming Questions and Answers focuses on all areas of Object Oriented Programming subject covering 100+ topics in Object Oriented Programming. These topics are chosen from a collection of most authoritative and best reference books on Object Oriented Programming. One should spend 1 hour daily for 15 days to learn and assimilate Object Oriented Programming comprehensively. This way of systematic learning will prepare anyone easily towards Object Oriented Programming interviews, online tests, Examinations and Certifications. Highlights Ø 1000+ Basic and Hard Core High level Multiple Choice Questions & Answers in Object Oriented Programming with Explanations. Ø Prepare anyone easily towards Object Oriented Programming interviews, online tests, Government Examinations and certifications. Ø Every MCQ set focuses on a specific topic in Object Oriented Programming. Ø Specially designed for IBPS IT, SBI IT, RRB IT, GATE CSE, UGC NET CS, PROGRAMMER and other IT & Computer Science related Exams. Who should Practice these Operating Systems Questions? Ø Anyone wishing to sharpen their skills on Object Oriented Programming. Ø Anyone preparing for aptitude test in Object Oriented Programming. Ø Anyone preparing for interviews (campus/off-campus interviews, walk-in interview and company interviews) Ø Anyone preparing for entrance examinations and other competitive examinations. Ø All - Experienced, Freshers and Students.

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HANDS ON SOFTWARE ENGINEERING (1000 MCQ E-BOOK)

HANDY E-BOOK SERIES FOR ALL I.T EXAMS & INTERVIEWS.

STCD COMPANY Our 1000+ Software Engineering Questions and Answers focuses on all areas of Software Engineering subject covering 100+ topics in Software Engineering. These topics are chosen from a collection of most authoritative and best reference books on Software Engineering. One should spend 1 hour daily for 15 days to learn and assimilate Software Engineering comprehensively. This way of systematic learning will prepare anyone easily towards Software Engineering interviews, online tests, Examinations and Certifications. Highlights- Ø 1000+ Basic and Hard Core High level Multiple Choice Questions & Answers in Software Engineering with Explanations. Ø Prepare anyone easily towards Software Engineering interviews, online tests, Government Examinations and certifications. Ø Every MCQ set focuses on a specific topic in Software Engineering. Ø Specially designed for IBPS IT, SBI IT, RRB IT, GATE CSE, UGC NET CS, PROGRAMMER and other IT & Computer Science related Exams. Who should Practice these Software Engineering Questions? Ø Anyone wishing to sharpen their skills on Software Engineering. Ø Anyone preparing for aptitude test in Software Engineering. Ø Anyone preparing for interviews (campus/off-campus walk-in interviews) Ø Anyone preparing for entrance examinations and other competitive examinations. Ø All - Experienced, Freshers and Students.

INTRODUCTION TO NUMERICAL METHODS IN CHEMICAL ENGINEERING, SECOND EDITION

PHI Learning Pvt. Ltd. This book is an exhaustive presentation of the applications of numerical methods in chemical engineering. Intended primarily as a textbook for B.E./B.Tech and M.Tech students of chemical engineering, the book will also be useful for research and development/process professionals in the fields of chemical, biochemical, mechanical and biomedical engineering. The book, now, in its second edition, comprises three parts. Part I on General Chemical Engineering is same as given in the first edition of the book. It explains solving linear and non-linear algebraic equations, chemical engineering thermodynamics problems, initial value problems, boundary value problems and topics related to chemical reaction, dispersion and diffusion as well as steady and transient heat conduction. Whereas, Part II and Part III comprising two chapters and six chapters, respectively, are newly introduced in the present edition. Besides, three appendices covering computer programs

have been included. For practice, the book provides students with numerous worked-out examples and chapter-end exercises including their answers. **NEW TO THE SECOND EDITION** • Part II on Fixed Bed Catalytic Reactor consists of solving multiple gas phase reactions in a PFR, diffusion and multiple reactions in a catalytic pellet, and fixed bed catalytic reactor with multiple reactions. • Part III on Multicomponent Distillation consists of solving vapour-liquid-liquid isothermal flash using NRTL model, adiabatic flash using Wilson model, bubble point method, theta method and Naphtali-Sandholm method for distillation using modified Raoult's law with Wilson activity coefficient model.

CHILDREN'S PLAY, LEARNING AND DEVELOPMENT

Resources designed to support learners of the new next generation BTEC First in Children's Play, Learning and Development specification*. Covers the underpinning knowledge and understanding for all core, mandatory and optional units for the Award and Certificate and all core and mandatory units for the Extended Certificate. The attractive, accessible layout is packed with learning features, which draw out key points and bring topics to life. Provides support and practice for learners as they work towards the Award, Certificate and Extended Certificate. Units include plenty of activities and assessment guidance to help learners achieve their potential. Case Studies reflect the work-related nature of the qualification, so that learners are more able to put theory into practice in real-world settings. Assessment activities help learners to achieve their potential in internally-assessed units and support external assessment. * From 2012, Pearson's BTEC First qualifications have been under re-development, so schools and colleges could be teaching the existing 2010 specification or the new next generation 2012-2013 specification. There are different Student Books to support each specification. If learners are unsure, they should check with their teacher or tutor.

STATISTICS AND PROBABILITY FOR ENGINEERING APPLICATIONS

Elsevier **Statistics and Probability for Engineering Applications** provides a complete discussion of all the major topics typically covered in a college engineering statistics course. This textbook minimizes the derivations and mathematical theory, focusing instead on the information and techniques most needed and used in engineering applications. It is filled with practical techniques directly applicable on the job. Written by an experienced industry engineer and statistics professor, this book makes learning statistical methods easier for today's student. This book can be read sequentially like a normal textbook, but it is designed to be used as a handbook, pointing the reader to the topics and sections pertinent to a particular type of statistical problem. Each new concept is clearly and briefly described, whenever possible by relating it to previous topics. Then the student is given carefully chosen examples to deepen understanding of

the basic ideas and how they are applied in engineering. The examples and case studies are taken from real-world engineering problems and use real data. A number of practice problems are provided for each section, with answers in the back for selected problems. This book will appeal to engineers in the entire engineering spectrum (electronics/electrical, mechanical, chemical, and civil engineering); engineering students and students taking computer science/computer engineering graduate courses; scientists needing to use applied statistical methods; and engineering technicians and technologists. * Filled with practical techniques directly applicable on the job * Contains hundreds of solved problems and case studies, using real data sets * Avoids unnecessary theory

WORKING MOTHER

The magazine that helps career moms balance their personal and professional lives.

COMPUTER GRAPHICS : ALGORITHMS AND IMPLEMENTATIONS

PHI Learning Pvt. Ltd. Intended as a textbook on graphics at undergraduate and postgraduate level, the primary objective of the book is to seamlessly integrate the theory of Computer Graphics with its implementation. The theory and implementation aspects are designed concisely to suit a semester-long course. Students of BE/BTech level of Computer Science, Information Technology and related disciplines will not only learn the basic theoretical concepts on Graphics, but also learn the modifications necessary in order to implement them in the discrete space of the computer screen. Practising engineers will find this book helpful as the C program implementations available in this book could be used as kernel to build a graphics system. This book is also suitable for the students of M.Sc. (Computer Science) and Computer Applications (BCA/MCA). To suit the present day need, the C implementations are done for Windows operating system exposing students to important concepts of message-driven programming. For wider acceptability, Dev C++ (an open source integrated windows program development environment) versions of the implementations of graphics programs are also included in the companion CD-ROM. This book introduces the students to Windows programming and explains the building blocks for the implementation of computer graphics algorithms. It advances on to elaborate the two-dimensional geometric transformations and the design and implementation of the algorithms of line drawing, circle drawing, drawing curves, filling and clipping. In addition, this well-written text describes three-dimensional graphics and hidden surface removal algorithms and their implementations. Finally, the book discusses illumination and shading along with the Phong illumination model. Key Features : Includes fundamental theoretical concepts of computer graphics. Contains C implementations of all basic computer graphics algorithms. Teaches Windows programming and how graphics

algorithms can be tailor-made for implementations in message-driven architecture. Offers chapter-end exercises to help students test their understanding. Gives a summary at the end of each chapter to help students overview the key points of the text. Includes a companion CD containing C programs to demonstrate the implementation of graphics algorithms.

CALCULUS

Wellesley-Cambridge Press **Gilbert Strang's** clear, direct style and detailed, intensive explanations make this textbook ideal as both a course companion and for self-study. Single variable and multivariable calculus are covered in depth. Key examples of the application of calculus to areas such as physics, engineering and economics are included in order to enhance students' understanding. New to the third edition is a chapter on the 'Highlights of calculus', which accompanies the popular video lectures by the author on MIT's OpenCourseWare. These can be accessed from math.mit.edu/~gs.

CHEMICAL ENGINEERING THERMODYNAMICS

PHI Learning Pvt. Ltd. This book offers a full account of thermodynamic systems in chemical engineering. It provides a solid understanding of the basic concepts of the laws of thermodynamics as well as their applications with a thorough discussion of phase and chemical reaction equilibria. At the outset the text explains the various key terms of thermodynamics with suitable examples and then thoroughly deals with the virial and cubic equations of state by showing the P-V-T (pressure, molar volume and temperature) relation of fluids. It elaborates on the first and second laws of thermodynamics and their applications with the help of numerous engineering examples. The text further discusses the concepts of exergy, standard property changes of chemical reactions, thermodynamic property relations and fugacity. The book also includes detailed discussions on residual and excess properties of mixtures, various activity coefficient models, local composition models, and group contribution methods. In addition, the text focuses on vapour-liquid and other phase equilibrium calculations, and analyzes chemical reaction equilibria and adiabatic reaction temperature for systems with complete and incomplete conversion of reactants. **key Features** □ Includes a large number of fully worked-out examples to help students master the concepts discussed. □ Provides well-graded problems with answers at the end of each chapter to test and foster students' conceptual understanding of the subject. The total number of solved examples and end-chapter exercises in the book are over 600. □ Contains chapter summaries that review the major concepts covered. The book is primarily designed for the undergraduate students of chemical engineering and its related disciplines such as petroleum engineering and polymer engineering. It can also be useful to

professionals. The Solution Manual containing the complete worked-out solutions to chapter-end exercises and problems is available for instructors.

A QUICK REFERENCE TO DATA STRUCTURES AND COMPUTER ALGORITHMS

AN INSIGHT ON THE BEAUTY OF BLOCKCHAIN

BPB Publications **For beginners to level up Core Programming Skills**

DESCRIPTION The book gives full understanding of theoretical topic and easy implementation in programming. The book is going to help students in self-learning of data structures and in understanding how these concepts are implemented in programs. It contains lot of figures, which will help students to visualize the concept effectively. Diagrams help students to understand how the programs involving data structure concepts are implemented within the computer system. Algorithms are included to clear the concept of data structure. Each algorithm is explained with figures to make student clearer about the concept. Sample data set is taken and step by step execution of algorithm is provided in the book to ensure the in - depth knowledge of students about the concept discussed. **KEY FEATURES** Simple and easy to understand. Useful for any level of students including B.E., BTech, MCA, BCA, B.Sc. (Computer Science), etc. Algorithms used in the book are well explained and illustrated step by step. Help students in understanding how data structures are implemented in programs. Each module contains question bank which includes questions for competitive examinations like UGC-NET, placement drives, and so on. **WHAT WILL YOU LEARN** New features and essential of Algorithms and Arrays. Linked List, its type and implementation. Stacks and Queues Trees and Graphs Searching and Sorting Greedy method Beauty of Blockchain **WHO THIS BOOK IS FOR** This book is useful for all the students of B. Tech, B.E., MCA, BCA, B.Sc. (Computer Science), and so on. Person with basic knowledge in this field can understand the concept from the beginning of the book itself. We think our book is one of a kind. We are trying to connect the past and the present here. The last module of our book is focussing on **BLOCKCHAIN**. It explains the concepts of blockchain through a different dimension, that is, explaining the data structure aspect of blockchain. **Table of Contents** 1. Algorithm and Arrays 2. Linked Lists 3. Stacks and queues 4. Trees and Graphs 5. Searching and Sorting 6. Greedy Method 7. Beauty of Blockchain

COMPUTER FUNDAMENTALS SUCCESS MASTER EDITION - 2000+ MCQ E-BOOK

HANDY E-BOOK SERIES FOR ALL COMPUTER SCIENCE & I.T EXAMS-INTERVIEWS.

STCD COMPANY **Our 2000+ Computer Fundamentals Success Master**

Questions and Answers focuses on all areas of Computer Fundamentals subject covering 110+ topics in Computer Fundamentals. These topics are chosen from a collection of most authoritative and best reference books on Computer Fundamentals. One should spend 1 hour daily for 15 days to learn and assimilate Computer Fundamentals comprehensively. This way of systematic learning will prepare anyone easily towards Computer Fundamentals interviews, online tests, Examinations and Certifications. Highlights □ 2000+ Basic and Hard Core High level Multiple Choice Questions & Answers in Computer Fundamentals with Explanations. □ Prepare anyone easily towards Computer Fundamentals interviews, online tests, Government Examinations and certifications. □ Every MCQ set focuses on a specific topic in Computer Fundamentals. □ Specially designed for IBPS IT, SBI IT, RRB IT, GATE CSE, UGC NET CS, PROGRAMMER, RSCIT and other IT & Computer Science related Exams. Who should Practice these Computer Fundamentals Questions? □ Anyone wishing to sharpen their skills on Computer Fundamentals. □ Anyone preparing for aptitude test in Computer Fundamentals. □ Anyone preparing for interviews (campus/off-campus interviews, walk-in interviews) □ Anyone preparing for entrance examinations and other competitive examinations. □ All - Experienced, Freshers and Students.

FLUID MECHANICS AND TURBOMACHINERY

PROBLEMS AND SOLUTIONS

CRC Press Reflecting the author's years of industry and teaching experience, **Fluid Mechanics and Turbomachinery** features many innovative problems and their systematically worked solutions. To understand fundamental concepts and various conservation laws of fluid mechanics is one thing, but applying them to solve practical problems is another challenge. The book covers various topics in fluid mechanics, turbomachinery flowpath design, and internal cooling and sealing flows around rotors and stators of gas turbines. As an ideal source of numerous practice problems with detailed solutions, the book will be helpful to senior-undergraduate and graduate students, teaching faculty, and researchers engaged in many branches of fluid mechanics. It will also help practicing thermal and fluid design engineers maintain and reinforce their problem-solving skills, including primary validation of their physics-based design tools.

UNIVERSITY OF DELHI

B.TECH (INFORMATION TECHNOLOGY & MATHEMATICAL INNOVATIONS) ENTRANCE EXAM GUIDE

Ramesh Publishing House This comprehensive book is specially developed for the candidates of Delhi University: B.Tech (Information Technology & Mathematical Innovations) Entrance Exam. This book includes Model Paper

& Study Material for the purpose of practice of questions based on the latest pattern of the examination. Detailed Explanatory Answers have also been provided for the selected questions for Better Understanding of the Candidates.

TERADATA COOKBOOK

OVER 85 RECIPES TO IMPLEMENT EFFICIENT DATA WAREHOUSING SOLUTIONS

Packt Publishing Ltd Data management and analytics simplified with Teradata Key Features Take your understanding of Teradata to the next level and build efficient data warehousing applications for your organization Covers recipes on data handling, warehousing, advanced querying and the administrative tasks in Teradata. Contains practical solutions to tackle common (and not-so-common) problems you might encounter in your day to day activities Book Description Teradata is an enterprise software company that develops and sells its eponymous relational database management system (RDBMS), which is considered to be a leading data warehousing solutions and provides data management solutions for analytics. This book will help you get all the practical information you need for the creation and implementation of your data warehousing solution using Teradata. The book begins with recipes on quickly setting up a development environment so you can work with different types of data structuring and manipulation function. You will tackle all problems related to efficient querying, stored procedure searching, and navigation techniques. Additionally, you'll master various administrative tasks such as user and security management, workload management, high availability, performance tuning, and monitoring. This book is designed to take you through the best practices of performing the real daily tasks of a Teradata DBA, and will help you tackle any problem you might encounter in the process. What you will learn Understand Teradata's competitive advantage over other RDBMSs. Use SQL to process data stored in Teradata tables. Leverage Teradata's available application utilities and parallelism to play with large datasets Apply various performance tuning techniques to optimize the queries. Acquire deeper knowledge and understanding of the Teradata Architecture. Easy steps to load, archive, restore data and implement Teradata protection features Gain confidence in running a wide variety of Data analytics and develop applications for the Teradata environment Who this book is for This book is for Database administrator's and Teradata users who are looking for a practical, one-stop resource to solve all their problems while handling their Teradata solution. If you are looking to learn the basic as well as the advanced tasks involved in Teradata querying or administration, this book will be handy. Some knowledge of relational database concepts will be helpful to get the best out of this book.

REINFORCED CONCRETE DESIGN: PRINCIPLES AND PRACTICE

New Age International This Book Systematically Explains The Basic Principles And Techniques Involved In The Design Of Reinforced Concrete Structures. It Exhaustively Covers The First Course On The Subject At B.E./ B.Tech Level. Important Features: * Exposition Is Based On The Latest Indian Standard Code Is: 456-2000. * Limit State Method Emphasized Throughout The Book. * Working Stress Method Also Explained. * Detailing Aspects Of Reinforcement Highlighted. * Incorporates Earthquake Resistant Design. * Includes A Large Number Of Solved Examples, Practice Problems And Illustrations. The Book Would Serve As A Comprehensive Text For Undergraduate Civil Engineering Students. Practising Engineers Would Also Find It A Valuable Reference Source.

REVISE BTEC NATIONAL ENGINEERING REVISION WORKBOOK

REVISE BTEC Nationals in Engineering This Revision Workbook delivers hassle-free hands-on practice for the externally assessed units.

A TEXTBOOK OF ENGINEERING PHYSICS

S. Chand Publishing A Txtbook of Engineering Physics is written with two distinct objectives: to provide a single source of information for engineering undergraduates of different specializations and provide them a solid base in physics. Successive editions of the book incorporated topics as required by students pursuing their studies in various universities. In this new edition the contents are fine-tuned, modernized and updated at various stages.

TEACHING SCRIPTWRITING, SCREENPLAYS AND STORYBOARDS FOR FILM AND TV PRODUCTION

British Film Inst This practical guide provides what you need to introduce scriptwriting to your students, and establishes the basis for coursework for film or media studies. It demonstrates how scriptwriting, screenplays and storyboarding can be valuable both in the production context and as a way of engaging with key aspects of the media or film studies curriculum, with accessible reference to key critical and theoretical writing. This book is part of a series particularly aimed at teachers new to media studies post-16. The series provides information and ideas for teachers involved with the teaching of AS and A level media studies (OCR, AQA and WJEC), AS and A level film studies (WJEC), GNVQ/AVCE, Btech, Scottish Highers/Advanced Highers, and Lifelong Learning courses. Each title consists of a detailed teaching guide which provides essential information and guidance on how to cover each topic effectively, with reference to assessment objectives. Additional support materials, including photocopyable worksheets for students, are available online.

A TEXTBOOK ON ENGINEERING MATHEMATICS VOL-III (MDU)

S. Chand Publishing For B.E./ B.Tech students of Third Semester of Maharshi Dayanand University (MDU). Rohtak and Kurushetra University, Kurushetra. Special Features of the First Edition :: Lucid and Simple Language | Large number of solved Examples | Tabular Explanation of Specific Topics | Presentation in a very Systematic and Logical manner.

NUMERICAL, SYMBOLIC AND STATISTICAL COMPUTING FOR CHEMICAL ENGINEERS USING MATLAB

PHI Learning Pvt. Ltd. Numerical, analytical and statistical computations are routine affairs for chemical engineers. They usually prefer a single software to solve their computational problems, and at present, MATLAB has emerged as a powerful computational language, which is preferably used for this purpose, due to its built-in functions and toolboxes. Considering the needs and convenience of the students, the author has made an attempt to write this book, which explains the various concepts of MATLAB in a systematic way and makes its readers proficient in using MATLAB for computing. It mainly focuses on the applications of MATLAB, rather than its use in programming basic numerical algorithms. Commencing with the introduction to MATLAB, the text covers vector and matrix computations, solution of linear and non-linear equations, differentiation and integration, and solution of ordinary and partial differential equations. Next, analytical computations using the Symbolic Math Toolbox and statistical computations using the Statistics and Machine Learning Toolbox are explained. Finally, the book describes various curve fitting techniques using the Curve Fitting Toolbox. Inclusion of all these advanced-level topics in the book stands it out from the rest. **KEY FEATURES** □ Numerous worked-out examples to enable the readers understand the steps involved in solving the chemical engineering problems □ MATLAB codes to explain the computational techniques □ Several snapshots to help the readers understand the step-by-step procedures of using the toolboxes □ Chapter-end exercises, including short-answer questions and numerical problems □ Appendix comprising the definitions of some important and special matrices □ Supplemented with Solutions Manual containing complete detailed solutions to the unsolved analytical problems □ Accessibility of selected colour figures (including screenshots and results/outputs of the programs) cited in the text at www.phindia.com/Pallab_Ghosh. **TARGET AUDIENCE** • BE/B.Tech (Chemical Engineering) • ME/M.Tech (Chemical Engineering)

DISCRETE MATHEMATICS

AN OPEN INTRODUCTION

Note: This is the 3rd edition. If you need the 2nd edition for a course you are taking, it can be found as a "other format" on amazon, or by searching

its isbn: 1534970746 This gentle introduction to discrete mathematics is written for first and second year math majors, especially those who intend to teach. The text began as a set of lecture notes for the discrete mathematics course at the University of Northern Colorado. This course serves both as an introduction to topics in discrete math and as the "introduction to proof" course for math majors. The course is usually taught with a large amount of student inquiry, and this text is written to help facilitate this. Four main topics are covered: counting, sequences, logic, and graph theory. Along the way proofs are introduced, including proofs by contradiction, proofs by induction, and combinatorial proofs. The book contains over 470 exercises, including 275 with solutions and over 100 with hints. There are also Investigate! activities throughout the text to support active, inquiry based learning. While there are many fine discrete math textbooks available, this text has the following advantages: It is written to be used in an inquiry rich course. It is written to be used in a course for future math teachers. It is open source, with low cost print editions and free electronic editions. This third edition brings improved exposition, a new section on trees, and a bunch of new and improved exercises. For a complete list of changes, and to view the free electronic version of the text, visit the book's website at discrete.openmathbooks.org

INTRODUCTION TO INFORMATION RETRIEVAL

Cambridge University Press **Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.**

A TEXTBOOK OF BASICS OF C-LANGUAGE PROGRAMMING

Educreation Publishing **This book "Basics of C-Language Programming" has been carefully designed for students of Electronics and communication engineering, Electronics and Telecommunication engineering, Electronics and Instrumentation engineering, Electrical and Electronics engineering and Computer Engineering.**

HARDWARE DESCRIPTION LANGUAGE DEMYSTIFIED

BPB Publications Get familiar and work with the basic and advanced Modeling types in Verilog HDL Key Features a- Learn about the step-wise process to use Verilog design tools such as Xilinx, Vivado, Cadence NC-SIM a- Explore the various types of HDL and its need a- Learn Verilog HDL modeling types using examples a- Learn advanced concept such as UDP, Switch level modeling a- Learn about FPGA based prototyping of the digital system

Description Hardware Description Language (HDL) allows analysis and simulation of digital logic and circuits. The HDL is an integral part of the EDA (electronic design automation) tool for PLDs, microprocessors, and ASICs. So, HDL is used to describe a Digital System. The combinational and sequential logic circuits can be described easily using HDL. Verilog HDL, standardized as IEEE 1364, is a hardware description language used to model electronic systems. This book is a comprehensive guide about the digital system and its design using various VLSI design tools as well as Verilog HDL. The step-wise procedure to use various VLSI tools such as Xilinx, Vivado, Cadence NC-SIM, is covered in this book. It also explains the advanced concept such as User Define Primitives (UDP), switch level modeling, reconfigurable computing, etc. Finally, this book ends with FPGA based prototyping of the digital system. By the end of this book, you will understand everything related to digital system design. What will you learn a- Implement Adder, Subtractor, Adder-Cum-Subtractor using Verilog HDL a- Explore the various Modeling styles in Verilog HDL a- Implement Switch level modeling using Verilog HDL a- Get familiar with advanced modeling techniques in Verilog HDL a- Get to know more about FPGA based prototyping using Verilog HDL Who this book is for Anyone interested in Electronics and VLSI design and want to learn Digital System Design with Verilog HDL will find this book useful. IC developers can also use this book as a quick reference for Verilog HDL fundamentals & features.

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About the Author Dr. Cherry Bhargava is working as an associate professor and head, VLSI domain, School of Electrical and Electronics Engineering at Lovely Professional University, Punjab, India. She has more than 14 years of teaching and research experience. She is Ph.D. (ECE), IKGPTU, M.Tech (VLSI Design & CAD) Thapar University and B.Tech (Electronics and Instrumentation) from Kurukshetra University. She is GATE qualified with

All India Rank 428. She has authored about 50 technical research papers in SCI, Scopus indexed quality journals, and national/international conferences. She has eleven books related to reliability, artificial intelligence, and digital electronics to her credit. She has registered five copyrights and filed twenty-two patents. Your LinkedIn Profile <https://in.linkedin.com/in/dr-cherry-bhargava-7315619> Dr. Rajkumar Sarma received his B.E. in Electronics and Communications Engineering from Vinayaka Mission's University, Salem, India & M.Tech degree from Lovely Professional University, Phagwara, Punjab and currently pursuing Ph.D. from Lovely Professional University, Phagwara, Punjab. Your LinkedIn Profile www.linkedin.com/in/rajkumar-sarma-213657126

INTERNET OF THINGS (IOT) FOR BEGGINERS

BEST FOR BE, BTECH AND BSC IT STUDENTS

This book aims IT professionals, students, and management professionals who want a solid grasp of essential IoT concepts. After reading this book, you will achieve intermediate expertise in IoT and a high level of comfort with IoT concepts and systems. IoT (Internet of Things) is an advanced automation and analytics system which exploits networking, sensing, big data, and artificial intelligence technology to deliver complete systems for a product or service. These systems allow greater transparency, control, and performance when applied to any industry or system. IoT systems have applications across industries through their unique flexibility and ability to be suitable in any environment. They enhance data collection, automation, operations, and much more through smart devices and powerful enabling technology. This book aims to provide you with a thorough introduction to IoT. It introduces the key concepts of IoT, necessary in using and deploying IoT systems. Prerequisites In this book we assumes general knowledge of networking, sensing, databases, programming, and related technology. It also assumes familiarity with business concepts and marketing.

ANIMAL FARM

Faber & Faber All animals are equal but some animals are more equal than others. It's just an ordinary farm - until the animals revolt. They get rid of the irresponsible farmer. The other animals are sure that life is improving, but as systems are replaced and half-truths are retold, a new hierarchy emerges . . . Orwell's tale of propaganda, power and greed has never felt more pertinent. With an exciting new cover and inside illustrations by superstar Chris Mould.

DATA STREAMS

MODELS AND ALGORITHMS

Springer Science & Business Media This book primarily discusses issues related to the mining aspects of data streams and it is unique in its primary focus

on the subject. This volume covers mining aspects of data streams comprehensively: each contributed chapter contains a survey on the topic, the key ideas in the field for that particular topic, and future research directions. The book is intended for a professional audience composed of researchers and practitioners in industry. This book is also appropriate for advanced-level students in computer science.

17 YEARS SOLVED PAPERS FOR AMU ENGINEERING ENTRANCE EXAM 2022

Arihant Publications India limited **1. 17 Years' Solved Papers AMU** is designed for AMUEEE **2. it is incorporated with previous years solved papers 2005-2021** **3. The book provides authentic, analytical and augmented Solutions.** **4. This book serves as the performance-driven practice tool.** Aligarh Muslim University Engineering Entrance Examination (AMUEEE) is university level entrance examination conducted for the admission of the candidates who are interested in pursuing engineering degree. Make yourself well prepared for the entrance with the revised and updated edition of "AMU Engineering Entrance Examination - 17 Solved Papers (2005-2021)" that has been specifically designed according to the latest pattern. While going through the book, you will get the exact idea about the questions asked in AMU. Along with the ample number questions for thorough practice, this book contains 'AAA solution factor' i.e. (Authentic, Analytical and Augmented) for the questions asked in the exam. Discussions provided in the answers are not just sketchy; rather they have been drafted in a manner that you will surely be able to solve other related problems. Based on the latest exam pattern, it is the best book to practice and learn to perform well during the exam. TOC Table of Content Solved Papers (2021-2005)

GREENER SYNTHESIS OF ORGANIC COMPOUNDS

CRC Press This book provides an interdisciplinary, integrative overview of environmental problem-solving using mild reaction conditions, green reagents, waste free and energy efficient synthesis in both industry and academic world. Discussions include a broad, integrated perspective on sustainability, integrated risk, multi-scale changes and impacts taking place within ecosystems worldwide. Features: This book serves as a reference book for scientific investigators who need to do greener synthesis of organic compounds, drugs and natural products under mild reaction condition using green reagents, eco-friendly catalysts and benign reaction mediums over traditional synthetic processes which is a key driving force of scientists. Greener synthesis of multiple value-added heterocycles opens up a new horizon towards the organic catalysis and for this purpose, development of natural resources acts as an effective catalyst. Using environmentally friendly reaction medium e.g. ACC, WETSA, WEBSA have been used for the synthesis of some crucial heterocyclic

scaffolds such as bisenols and 2-amino-4H-pyrans, tetraketones, pyrans, and biaryls. This book can also be used as a textbook for graduate and post graduate level courses for students. Furthermore, the problems with answers in book will add better understanding for students.

ENGINEERING FUNDAMENTALS: AN INTRODUCTION TO ENGINEERING, SI EDITION

Cengage Learning Specifically designed as an introduction to the exciting world of engineering, **ENGINEERING FUNDAMENTALS: AN INTRODUCTION TO ENGINEERING** encourages students to become engineers and prepares them with a solid foundation in the fundamental principles and physical laws. The book begins with a discovery of what engineers do as well as an inside look into the various areas of specialization. An explanation on good study habits and what it takes to succeed is included as well as an introduction to design and problem solving, communication, and ethics. Once this foundation is established, the book moves on to the basic physical concepts and laws that students will encounter regularly. The framework of this text teaches students that engineers apply physical and chemical laws and principles as well as mathematics to design, test, and supervise the production of millions of parts, products, and services that people use every day. By gaining problem solving skills and an understanding of fundamental principles, students are on their way to becoming analytical, detail-oriented, and creative engineers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

HANDS ON RELATIONAL DATABASE MANAGEMENT SYSTEM RDBMS-1000+ MCQ

HANDY E-BOOK SERIES FOR ALL I.T EXAMS & INTERVIEWS.

STCD COMPANY Our 1000+ Relational Database Management System Questions and Answers focuses on all areas of Relational Database Management System subject covering 60+ topics in Relational Database Management System. These topics are chosen from a collection of most authoritative and best reference books on Relational Database Management System. One should spend 1 hour daily for 15 days to learn and assimilate Relational Database Management System comprehensively. This way of systematic learning will prepare anyone easily towards Relational Database Management System interviews, online tests, Examinations and Certifications. Highlights Ø 1000+ Basic and Hard Core High level Multiple Choice Questions & Answers in Relational Database Management System with Explanations. Ø Prepare anyone easily towards Relational Database Management System interviews, online tests, Government Examinations and certifications. Ø Every MCQ set focuses on a specific topic in Relational Database Management System. Ø Specially

designed for IBPS IT, SBI IT, RRB IT, GATE CSE, UGC NET CS, KVS PGT CS, PROGRAMMER and other IT & Computer Science related Exams. Who should Practice these Relational Database Management System Questions? Ø Anyone wishing to sharpen their skills on Relational Database Management System. Ø Anyone preparing for aptitude test in Relational Database Management System. Ø Anyone preparing for interviews (campus/off-campus interviews, walk-in interviews) Ø Anyone preparing for entrance examinations and other competitive examinations. Ø All - Experienced, Freshers and Students.

FOX AND MCDONALD'S INTRODUCTION TO FLUID MECHANICS

John Wiley & Sons Through ten editions, Fox and McDonald's Introduction to Fluid Mechanics has helped students understand the physical concepts, basic principles, and analysis methods of fluid mechanics. This market-leading textbook provides a balanced, systematic approach to mastering critical concepts with the proven Fox-McDonald solution methodology. In-depth yet accessible chapters present governing equations, clearly state assumptions, and relate mathematical results to corresponding physical behavior. Emphasis is placed on the use of control volumes to support a practical, theoretically-inclusive problem-solving approach to the subject. Each comprehensive chapter includes numerous, easy-to-follow examples that illustrate good solution technique and explain challenging points. A broad range of carefully selected topics describe how to apply the governing equations to various problems, and explain physical concepts to enable students to model real-world fluid flow situations. Topics include flow measurement, dimensional analysis and similitude, flow in pipes, ducts, and open channels, fluid machinery, and more. To enhance student learning, the book incorporates numerous pedagogical features including chapter summaries and learning objectives, end-of-chapter problems, useful equations, and design and open-ended problems that encourage students to apply fluid mechanics principles to the design of devices and systems.