

Electrical Engineering Books For Competitive Exams

SGN.The Ebook TSSPDCL Sub Engineer (Electrical) Exam: Electrical Engineering Subject Covers Objective Questions From Various Competitive Exams With Answers.

This updated edition includes: coverage of power-system estimation, including current developments in the field; discussion of system control, which is a key topic covering economic factors of line losses and penalty factors; and new problems and examples throughout.

Features electrical engineering book :This is one of the good book in electrical objectives.Book contains more number of objective compare to other electrical books.Easy to understand.Great collection of objective questions.Basic to higher level question collection.Mostly questions from this book have asked in directly in many PSU Exams.

The focus of the book is on how to use mass and heat balances to simulate and design biological wastewater treatment processes. All the main processes for biological wastewater treatment are covered viz. activated sludge processes for carbon and nitrogen removal, anaerobic digestion, sequencing batch reactors, and attached growth processes.

Electrical Engineering Problems and Solutions

Question Bank on Electrical and Electronics Engineering with Question Papers from Various Competitive and Recruitment Examinations

TSSPDCL Telangana Assistant Engineer-Electrical Exam Ebook-PDF

Electrical Engineering 101

Objective Electrical Engineering

'BASICS OF ELECTRICAL ENGINEERING AND ELECTRONIC COMPONENTS' is intended to be used as a text book for I Semester Diploma in Electronics and Communication Engineering. This book is designed for comprehensively covering all topics relevant to the subject. Each and every topic has been explained in a very simple language as per the syllabus prescribed by the Board of Technical Education, Karnataka. This book is divided into eight chapters: Chapter 1 - Basics of Electricity Chapter 2 - Electrostatics Chapter 3 - Electromagnetic Induction Chapter 4 - AC Fundamentals Chapter 5 - AC Circuits Chapter 6 - Transformers Chapter 7 - Batteries, Relays and Motors Chapter 8 - Passive Components The text provides detailed explanations and uses numerous easy-to-follow examples accompanied by diagrams and step-by-step solutions. Illustrative problems are presented in terms of commonly used voltages and current ratings. To enhance the utility of the book, important points and review questions (objective and descriptive type) have been included at the end of each chapter. Model question papers have been provided to help students prepare better for the semester examinations. Multiple choice questions along with answers have been given towards the end of the book for the benefit of students taking up competitive tests. It is hoped that this book will be of immense use to teachers and students of Polytechnics. Suggestions for improvement in the future editions of this book will be appreciated. I wish to express my gratitude to MEI Polytechnic, Bangalore for providing me an opportunity to bring out this text book. I am grateful to Sri. Nitin S. Shah, M/s Sapna Book House, Bangalore for publishing this book. I am thankful to M/s Datalink, Bangalore for meticulous processing of the manuscript of this book.

SGN. The Ebook Electrical Engineering Objective Questions Covers Previous Years' Papers Of Various Competitive Exams With Answers.

In the present edition,authors have made sincere efforts to make the book up-to-date.A notable feature is the inclusion of two chapters on Power System.It is hoped that this edition will serve the readers in a more useful way.

Electrical Engineering for GATE/PSUs exam contains exhaustive theory, past year questions and practice problems The book has been written as per the latest format as issued for latest GATE exam. The book covers Numerical Answer Type Questions which have been added in the GATE format. To the point but exhaustive theory covering each and every topic in the latest GATE syllabus.

FUNDAMENTALS OF ELECTRICAL AND ELECTRONICS ENGINEERING

Competitive Electrical Engineering Part 1

Electrical Engineering Objective Questions Ebook-PDF

Objective Electrical Technology

Electrical Engineering Guide for GATE/ PSUs

This Book Has Been Written For B.Tech/B.E. First Year Students Of All Engineering Colleges. It Consists Of Eleven Chapters In All, Covering The Complete Topics Systematically And Exhaustively. At The End Of Each Chapter Summary, Objectives, Fill In The Blank, True And False, Matching Type Questions And Unsolved Examples Has Been Added To Make The Book Complete In All Respect. This Book Will Prove To Be Beneficial To The Students To Prepare For The Regular University Examinations And Also For The Competitive Examinations. Another Positive Aspect Of This Book Is That It Is Written In A Simple Language, In Order To Enable The Students To Grasp The Subject Easily. The Author Has Endeavoured To Make This Book Simple And Precise To Save On Time.

This comprehensive book is specially developed for the candidates, who are preparing of Junior Engineers Electrical Examination conducted by FCI, DRDO, JKSSB, Metro Rail, DSSSB, TRANSCO, MCD, NDMC, DDA, DJB, CPWD, PWD, Cantonment Boards etc. This book included Previous year paper (Solved) and other study materials based on the latest pattern of the examination. Detailed Explanatory Answers have also been provided for the questions for Better Understanding of the Candidates.

Divided into four parts: circuits, electronics, digital systems, and electromagnetics, this text provides an understanding of the fundamental principles on which modern electrical engineering is based. It is suitable for a variety of electrical engineering courses, and can also be used as a text for an introduction to electrical engineering.

This comprehensive treatment of the theory and practice encountered in the installation and design of transmission and distribution systems for electrical power has been updated and revised to provide the project engineer with all the latest, relevant information to design and specify the correct system for a particular application. Thoroughly updated and revised to include latest developments Learn from and Author with extensive experience in managing international projects Find out the reasoning and implications behind the different specifications and methods

A TEXTBOOK OF ELECTRICAL ENGINEERING

(Free Sample) SSC Junior Engineer Electrical Recruitment Exam Guide with 5 Solved Papers 4th Edition

Second Edition

Objective Questions From Various Competitive Exams With Answers

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING,, Second Edition

This comprehensive, up-to-date introduction to Electrical Machines is designed to meet the needs of undergraduate electrical engineering students. It presents the essential principles of rotating machines and transformers. The emphasis is on the performance, though the book also introduces the salient features of electrical machine design. The book provides accessible, student-friendly coverage of dc machines, transformers, three-phase induction motor, single-phase induction motor, fractional horsepower motors, and synchronous machines. The clear writing style of the book enhanced by illustrative figures and simplified explanations of the fundamentals, makes it an ideal text for gaining a thorough understanding of the subject of electrical machines. Key Features Include: •Detailed coverage of the construction of electrical machines. •Lucid explanations of the principles of operation of electrical machines. •Methods of testing of electrical machines. •Performance calculations of electrical machines. •Wealth of diverse solved examples in each chapter to illustrate the application of theory to practical problems. •Salient features of design of electrical machines. •Objective type questions to help students prepare for competitive exams.

SSC Junior Engineer Electrical Engineering Recruitment Exam Guide 4th Edition is a comprehensive book for those who aspire to excel in SSC Paper 1 and Paper 2 for Jr. Engineer – Electrical post. The book has been updated with the SSC Junior Engineer 2017 (2 Sets), 2016, 2015 & 2014 Solved Papers. The book has been divided into three sections namely Electrical Engineering, General Intelligence & Reasoning and General Awareness, each sub-divided into ample number of solved problems designed on the lines of questions asked in the exam. All the chapters contain detailed theory along with solved examples. Exhaustive question bank at the end of each chapter is provided in the form of Exercise. Solutions to the Exercise have been provided at the end of each chapter. Another unique feature of the book is the division of its General Awareness section into separate chapters on History, Geography, Polity, Economy, General Science, Miscellaneous topics and Current Affairs.

A Textbook on Electrical Technology

5000 MCQ: Electrical Engineering For UPSC GATE/PSUs The first Edition of Electrical Engineering Contains nearly 5000 MCQs which focuses in-depth understanding of subjects at basic and Advanced level which has been segregated topic wise to disseminate all kind of exposure to Students in terms of quick learning and deep preparation. The topic-wise segregation has been done to Align with contemporary competitive examination Pattern. Attempt has been made to bring out all kind of probable competitive questions for the aspirants preparing for UPSC, GATE, PSUs and other exams. The content of this book ensures threshold Level of learning and wide range of practice questions which is very much essential to boost the exam time confidence level and ultimately to succeed in all prestigious engineer's examinations. It has been ensured to have broad coverage of Subjects at chapter level. While preparing this book utmost care has been taken to cover all the chapters and variety of concepts which may be asked in the exams. The solutions and answers provided are upto the closest possible accuracy. The full efforts have been made by our team to provide error free solutions and explanations.

Dear Electrical Engineering students, we provide Basic multiple choice questions and answers with explanation & civil objective type questions mcqs download here. These are very important & Helpful for campus placement test, semester exams, job interviews and competitive exams like UPSC, GATE, IES, and PSU, NET/SET/JRF, UPSC and diploma. Especially we are prepare for the Electrical Engineering freshers and experienced candidates, these model questions are asked in the online technical test, Quiz and interview of many companies. These are also very important for your lab viva in university exams like RTU, JNTU, Andhra, OU, Anna University, Pune, VTU, UPTU, CUSAT etc. 5000 MCQ: Electrical Engineering For UPSC GATE/PSUs

#electricalengineering #EEMCOs #5000+MCQs #UPSCIES #EEMCOs #GATEEEMCOs #PSUsMCQ #ElectricalTest #QuestionBank #Questionanswer #Electricaltopicwisemcq

Handbook Series of Electrical Engineering

Fundamentals of Electrical Engineering

ELECTRICAL MACHINES

Competition Science Vision

Transmission and Distribution Electrical Engineering

The increasing requirement for Junior Engineers/Technicians in PSUs has created a large job opportunities for the diploma holders all over India. Every PSU conducts its own qualifying exam

based on the vacancies available for various positions such as Junior Engineer and Technician. This series has been thoroughly updated to equip the diploma engineers appearing for the exams of BHEL, BEL, GAIL, IOCL, HPCL, ONGC, DMRC, DRDO, Railway, Staff Selection Commission and other diploma engineering competitive examinations. It aids in fast revision through key notes such as terms, definitions and formulae. The series also provides conceptual clarity to ease in attempting questions. A vast collection of questions has been categorized under two levels? questions for practice and previous years? questions of various PSU examinations to give you a feel of the actual exam. Features ? Theory and key concepts in a systematical manner ? Ample number of MCQs for practice in each chapter ? Previous years? questions to familiarize you with the pattern and level of the examination

A Textbook of Electrical Technology(Vol. IV) Multicolor pictures have been added to enhance the content value and give to the students an idea of what he will be dealing in reality and to bridge the gap between theory and practice. A notable feature is the inclusion of chapter on Flip-Flops and related Devices as per latest development in the subject. Latest tutorial problems and objective type questions specially for GATE have been included at relevant places.

Annotation Companion book to Electrical Engineering License Review. Here the end-of-chapter problems have been repeated and detailed Step-by-Step solutions are provided. Also included is a sample exam (same as 35X below), with detailed step-by-step solutions. 100% Problems and Solutions.

This handbook has been designed for the aspirants of IES, GATE, PSUs and other competitive examinations. This specialized book for Electrical Engineering has been divided into 14 units each containing detailed theoretical content. Key terms in each unit have been given with their definitions. Every topic is taken up separately along with Key Points and notes. All the formulae used have been well illustrated and diagrams have been given for theoretical analysis. This book covers almost 100% syllabus of Electrical Engineering making it the only book for multipurpose quick revision and ensuring success in IES, GATE, PSUs and other competitive examinations. Appendix has been given at the end of the book.

6500+ MCQs: Electrical Engineering (English)

Objective Electrical, Electronic and Telecommunication Engineering

Basic Electrical Engineering

Basics Of Electrical Engineering , Second Edition

Ten Essential Skills for Electrical Engineers

Attuned to the needs of undergraduate students of engineering in their first year, Basic Electrical Engineering enables them to build a strong foundation in the subject. A large number of real-world examples illustrate the applications of complex theories. The book comprehensively covers all the areas taught in a one-semester course and serves as an ideal study material on the subject.

Electrical Engineering 101 covers the basic theory and practice of electronics, starting by answering the question "What is electricity?" It goes on to explain the fundamental principles and components, relating them constantly to real-world examples. Sections on tools and troubleshooting give engineers deeper understanding and the know-how to create and maintain their own electronic design projects. Unlike other books that simply describe electronics and provide step-by-step build instructions, EE101 delves into how and why electricity and electronics work, giving the reader the tools to take their electronics education to the next level. It is written in a down-to-earth style and explains jargon, technical terms and schematics as they arise. The author builds a genuine understanding of the fundamentals and shows how they can be applied to a range of engineering problems. This third edition includes more real-world examples and a glossary of formulae. It contains new coverage of: Microcontrollers FPGAs Classes of components Memory (RAM, ROM, etc.) Surface mount High speed design Board layout Advanced digital electronics (e.g. processors) Transistor circuits and circuit design Op-amp and logic circuits Use of test equipment Gives readers a simple explanation of complex concepts, in terms they can understand and relate to everyday life. Updated content throughout and new material on the latest technological advances. Provides readers with an invaluable set of tools and references that they can use in their everyday work.

SGN.The Ebook TSSPDCL Telangana Assistant Engineer-Electrical Exam Covers Objective Questions From Various Similar Competitive Exams With Answers .

The Newnes Know It All Series takes the best of what our authors have written to create hard-working desk references that will be an engineer's first port of call for key information, design techniques and rules of thumb. Guaranteed not to gather dust on a shelf! Electrical engineers need to master a wide area of topics to excel. The Electrical Engineering Know It All covers every angle including Real-World Signals and Systems, Electromagnetics, and Power systems. A 360-degree view from our best-selling authors Topics include digital, analog, and power electronics, and electric circuits The ultimate hard-working desk reference; all

the essential information, techniques and tricks of the trade in one volume

Mass and Heat Balances

Everything You Should Have Learned in School...but Probably Didn't

BASICS OF ELECTRICAL ENGINEERING AND ELECTRONIC COMPONENTS

Electronics Engineering MCQ (4600+ MCQs-English)

A Textbook of Electrical Technology - Volume IV

The book provides theory concerned with a large number of numerical problems. Questions related to the topic at the end of each chapter are also given. Solved question papers of previous years and important formulas are appended at the end of the book. Salient features * More than 500 solved numerical problems. * Problems of GATE and other competitive exams. * and discussion on the UPSC problems and solutions. * Standard tricks to solve the difficult problems that will help the students not only in the university exams but also in the competitive exams.

This second edition, extensively revised and updated, continues to offer sound, practically-oriented, modularized coverage of the full spectrum of fundamental topics in each of the several major areas of electrical and electronics engineering. Circuit Theory Electrical Measurements and Measuring Instruments Electric Machines Electric Power Systems Control Systems Signals and Systems Analog and Digital Electronics including introduction to microcomputers The book conforms to the syllabi of Basic Electrical and Electronic Sciences prescribed for the first year of engineering students. It is also an ideal text for students pursuing diploma programmes in Electrical Engineering. Written in a straightforward style with a strong emphasis on practicality, the main objective of the book is to bring an understanding of the subject within the reach of all engineering students. What is New to This Edition : Fundamentals of Control Systems (Chapter 24) Fundamentals of Signals and Systems (Chapter 25) Introduction to Microcomputers (Chapter 32) Substantial revisions to chapters on Transformer, Semiconductor Diodes and Transistors and Field Effect Transistors Laplace Transform (Appendix B) Applications of Laplace Transform (Appendix C) PSpice (Appendix E) key Features : Numerous solved examples for sound conceptual understanding End-of-chapter review questions and numerical problems for rigorous practice by students Answers to all end-of-chapter numerical problems An objective type Questions Bank with answers to hone the technical skills of students for viva voce and preparation for competitive examinations.

This book contains exhaustive collection of more than 4600+ MCQs with solutions explained in easy language for engineering students of Electronics Engineering. In addition, the questions have been selected from various competitive exams to give the students an understanding of various types of exams. This book is essential to candidates appearing for U.P.S.C. (Engineering & Civil Services), State and Central Level Services Exams: RRB-JE, PSUs, BARC, DRDO, ISRO, TTA, Admission/Recruitment Test, and other Technical Exams in Electrical Engineering
Chapter 1: System Studies -- Chapter 2: Drawings and Diagrams -- Chapter 3: Substation Layouts -- Chapter 4: Substation Auxiliary Power Supplies -- Chapter 5: Current and Voltage Transformers -- Chapter 6: Insulators -- Chapter 7: Substation Building Services -- Chapter 8: Earthing and Bonding -- Chapter 9: Insulation Co-ordination -- Chapter 10: Relay Protection -- Chapter 11: Fuses and Miniature Circuit Breakers -- Chapter 12: Cables -- Chapter 13: Switchgear -- Chapter 14: Power Transformers -- Chapter 15: Substation and Overhead Line Foundations -- Chapter 16: Overhead Line Routing -- Chapter 17: Structures, Towers and Poles -- Chapter 18: Overhead Line Conductor and Technical Specifications -- Chapter 19: Testing and Commissioning -- Chapter 20: Electromagnetic Compatibility -- Chapter 21: Supervisory Control and Data Acquisition -- Chapter 22: Project Management -- Chapter 23: Distribution Planning -- Chapter 24: Power Quality- Harmonics in Power Systems -- Chapter 25: Power Quality ...

Elements of Electrical Engineering

Electrical Engineering: Know It All

Electrical Engineering

Basics of Electrical Engineering for Diploma Engineer

Objective Questions From Various Similar Competitive Exams With Answers

This book follows a logical concept building approach rather than only formula based, as offered by other books. The objective has been to structure a complete examination-oriented reference book covering the fundamental aspects of theory at a glance before proceeding to their relevant questions. The latest questions (2017 and 2018) from IES with their complete explanations have been given at the end of the text to impart a valuable insight into problem-solving approach.

Competition Science Vision (monthly magazine) is published by Pratiyogita Darpan Group in India and is one of the best Science monthly magazines available for medical entrance examination students in India. Well-qualified professionals of Physics, Chemistry, Zoology and Botany make contributions to this magazine and craft it with focus on providing complete and to-the-point study material for aspiring candidates. The magazine covers General Knowledge, Science and Technology news, Interviews of toppers of examinations, study material of Physics, Chemistry, Zoology and Botany with model papers, reasoning test questions, facts, quiz contest, general awareness and mental ability test in every monthly issue.

This book contains exhaustive collection of more than 6500+ MCQs with solution explained in easy language for engineering students of Electrical Engineering. In addition, the questions have been selected from various competitive exams to give the students an understanding of various types of exams. This book is essential to candidates appearing for U.P.S.C. (Engineering & Civil Services), State and Central Level Services Exams: Assistant Engineer /Junior Engineer, SSC-JE, RRB-JE, State Electricity Boards (APPGC, ASEB, BSPHCL, CSPGCL, HPGC, JSEB, KPCL, KSEB, MPPGCL, MSEB, RSEB, UPRVUNL, WBPDC, OPGC, TNEB, TPGC, PSPCL, JTO, PSUs : NPCIL, PGCIL, NHPC, PSOC, NLC, DVC NTPC, REC, BEST, KPTCL, TNEB and Metro Exams Like : DMRC, LMRC, NMRC, JMRC, BMRC, HMLR, KMRR, MMRR, PMRR and Admission/Recruitment Test and other Technical Exams in Electrical Engineering.

This comprehensive book with a blend of theory and solved problems on Basic Electrical Engineering has been updated and upgraded in the Second Edition as per the current needs to cater undergraduate students of all branches of engineering and to all those who are appearing in competitive examinations such as AMIE, GATE and graduate IETE. The text provides a lucid yet exhaustive exposition of the

fundamental concepts, techniques and devices in basic electrical engineering through a series of carefully crafted solved examples, multiple choice (objective type) questions and review questions. The book covers, in general, three major areas: electric circuit theory, electric machines, and measurement and instrumentation systems.

Previous Years' Papers Of Various Competitive Exams With Answers

Power System Analysis

An Integrated Course In Electrical Engineering (3rd Edition)

THEORY AND PRACTICE

Objective Electrical TechnologyS. Chand Publishing

The book is a review of essential skills that an entry-level or experienced engineer must be able to demonstrate on a job interview and perform when hired. It will help engineers prepare for interviews by demonstrating application of basic principles to practical problems. Hiring managers will find the book useful because it defines a common ground between the student's academic background and the company's product or technology-specific needs, thereby allowing managers to minimize their risk when making hiring decisions. Ten Essential Skills contains a series of "How to" chapters. Each chapter realizes a goal, such as designing an active filter or designing a discrete servo. The primary value of these chapters, however, is that they apply engineering fundamentals to practical problems. The book is a handy reference for engineers in their first years on the job. Enables recent graduates in engineering to succeed in challenging technical interviews Written in an intuitive, easy-to-follow style for the benefit of busy students and employers Book focuses on the intersection between company-specific knowledge and engineering fundamentals Companion website includes interview practice problems and advanced material

Junior Engineers Electrical Examination Guide

Viva Voce in Electrical Engineering, 5e

5000 MCQ: Electrical Engineering For UPSC GATE/PSUs

Biological Wastewater Treatment Processes

Electrical Engineering Multiple Choice Questions and Answers for Competitive Examination and Interview