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Chemical Reaction Engineering

Advanced Methods of Structural Analysis

The Checklist Manifesto

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Bad Pharma

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### LEWIS ALEX

**Fundamentals of Information Technology** Oxford University Press

The high-stakes game of the underworld has new faces, working for and against Dawood Ibrahim - the shadowy, manipulative

figure that pulls the strings. Dawood's own deputy turned arch-rival Chhota Rajan, thug-turned-politician Arun Gawli, Amar (Raavan) Naik and his engineer brother Ashwin Naik, and a host of other characters, big and small, walk the pages of this compelling history of the Maharashtrian mobsters who were once dubbed 'amchi muley', 'our boys', by Shiv Sena chief Bal Thackeray. Equally fascinating are the stories of the famous - and infamous - policemen and 'encounter specialists' who took the

gangs on with great success and not too many scruples. Violence and deceit one expects to read of, but the strength of this book is also its ability to capture the mundane - almost naive - beginnings of what very quickly became the organized crime and brutal vendettas that held Mumbai to ransom through the last decades of the twentieth century. Meticulously researched and thrillingly told by the acknowledged expert on the underworld, this is faster-paced than Dongri to Dubai, and even more chilling in its

implications for India and the subcontinent.

*Chemical Reaction Engineering* Excel Books India

The inspiring story of how a leading innovator in patient safety found a simple way to save countless lives. First, do no harm—doctors, nurses and clinicians swear by this code of conduct. Yet in hospitals and doctors' offices across the country, errors are made every single day - avoidable, simple mistakes that often cost lives. Inspired by two medical mistakes that not only ended in unnecessary deaths but hit close to home, Dr. Peter Pronovost made it his personal mission to improve patient safety and make preventable deaths a thing of the past, one hospital at a time. Dr. Pronovost began with simple improvements to a common procedure in the ER and ICU units at Johns Hopkins Hospital. Creating an easy five-step checklist based on the most up-to-date research for his fellow doctors and nurses to follow, he hoped that streamlining the procedure itself could slow the rate of infections patients often died from. But what Dr. Pronovost discovered was that doctors and nurses needed more than a checklist: the day-to-day environment needed to be more patient-driven and staff needed to see scientific results in order to know their efforts were a success. After those changes took effect, the units Dr. Pronovost worked with decreased their rate of infection by 70%. Today, all fifty states are implementing Dr. Pronovost's programs, which have the potential to save more lives than any other medical innovation in the past twenty-five years. But his ideas are just the beginning of the changes being made by doctors and nurses across the country making huge leaps to improve patient care. In *Safe Patients, Smart Hospitals*, Dr. Pronovost shares his own experience, anecdotal stories from his colleagues at Johns Hopkins and other hospitals that have made his approach their own, alongside comprehensive research—showing readers how small changes make a huge difference in patient care. Inspiring and thought provoking, this compelling book shows how one person with a cause really can make a huge difference in our lives.

**Advanced Methods of Structural Analysis** Signal

We all feel uncomfortable about the role of profit in healthcare, we all have a vague notion that the global \$600bn pharmaceutical industry is somehow evil and untrustworthy, but that sense rarely goes beyond a flaky, undifferentiated new age worldview. Bad Pharma puts real flesh on those bones, revealing the rigged

evidence used by drug companies. Bad information means bad treatment decisions, which means patients suffer and die: there is no climactic moment of villainy, but drugs are used which are overpriced, less effective, and have more side effects. There are five cheap, easy things we can do to fix the problem. Bad Pharma takes a big dirty secret out into the open, and will provide a single focus for concerns people have both inside and outside medicine.

**The Checklist Manifesto** John Wiley & Sons

Primarily designed for the postgraduate students of computer science, information technology, software engineering and management, this book, now in its Third Edition, continues to provide an excellent coverage of the basic concepts involved in database management systems. It provides a thorough treatment of some important topics such as data structure, data models and database design through presentation of well-defined algorithms, examples and real-life cases. A detailed coverage of Database Structure, Implementation Design, Hierarchical Database Management Systems, Network Database Management Systems and Relational Database Management Systems, is also focused in this book. This book will also be useful for B.E./B.Tech. students of Computer Science and Engineering and Software Engineering. **NEW TO THIS EDITION** • Introduces three new chapters on relational database languages, namely, Relational Database Management Systems: Oracle 11g SQL, Relational Database Management Systems: Oracle 11g PL/SQL, and Relational Database Management Systems: Access 2013. • Text interspersed with numerous screenshots for practical understanding of the text. • Clearly explained procedures in a step-by-step manner with chapter-end questions. • Self-explanatory, labelled figures and tables to conceptual discussion.

**A TEXTBOOK OF STRENGTH OF MATERIALS**

Springer Nature

A New York Times Bestseller A Wall Street Journal Bestseller A New York Times Notable Book of 2020 A New York Times Book Review Editors' Choice Shortlisted for the Financial Times and McKinsey Business Book of the Year A New Statesman Book to Read From economist Anne Case and Nobel Prize winner Angus Deaton, a groundbreaking account of how the flaws in capitalism are fatal for America's working class Deaths of despair from suicide, drug overdose, and alcoholism are rising dramatically in

the United States, claiming hundreds of thousands of American lives. Anne Case and Angus Deaton explain the overwhelming surge in these deaths and shed light on the social and economic forces that are making life harder for the working class. As the college educated become healthier and wealthier, adults without a degree are literally dying from pain and despair. Case and Deaton tie the crisis to the weakening position of labor, the growing power of corporations, and a rapacious health-care sector that redistributes working-class wages into the pockets of the wealthy. This critically important book paints a troubling portrait of the American dream in decline, and provides solutions that can rein in capitalism's excesses and make it work for everyone. *Transportation Planning Handbook* PHI Learning Pvt. Ltd. Pratiyogita Darpan (monthly magazine) is India's largest read General Knowledge and Current Affairs Magazine. Pratiyogita Darpan (English monthly magazine) is known for quality content on General Knowledge and Current Affairs. Topics ranging from national and international news/ issues, personality development, interviews of examination toppers, articles/ write-up on topics like career, economy, history, public administration, geography, polity, social, environment, scientific, legal etc, solved papers of various examinations, Essay and debate contest, Quiz and knowledge testing features are covered every month in this magazine.

**DATABASE MANAGEMENT SYSTEMS**

Technical Publications

Designed as a textbook for undergraduate students in various engineering disciplines—Mechanical, Civil, Industrial Engineering, Electronics Engineering and Computer Science—and for postgraduate students in Industrial Engineering and Water Resource Management, this comprehensive and well-organized book, now in its Second Edition, shows how complex economic decisions can be made from a number of given alternatives. It provides the managers not only a sound basis but also a clear-cut approach to making decisions. These decisions will ultimately result in minimizing costs and/or maximizing benefits. What is more, the book adequately illustrates the concepts with numerical problems and Indian cases. While retaining all the chapters of the previous edition, the book adds a number of topics to make it more comprehensive and more student friendly. What's New to

This Edition • Discusses different types of costs such as average cost, recurring cost, and life cycle cost. • Deals with different types of cost estimating models, index numbers and capital allowance. • Covers the basics of nondeterministic decision making. • Describes the meaning of cash flows with probability distributions and decision making, and selection of alternatives using simulation. • Discusses the basic concepts of Accounting. This book, which is profusely illustrated with worked-out examples and a number of diagrams and tables, should prove extremely useful not only as a text but also as a reference for those offering courses in such areas as Project Management, Production Management, and Financial Management.

#### Unit Processes in Organic Synthesis "O'Reilly Media, Inc."

The fundamentals and implementation of digital electronics are essential to understanding the design and working of consumer/industrial electronics, communications, embedded systems, computers, security and military equipment. Devices used in applications such as these are constantly decreasing in size and employing more complex technology. It is therefore essential for engineers and students to understand the fundamentals, implementation and application principles of digital electronics, devices and integrated circuits. This is so that they can use the most appropriate and effective technique to suit their technical need. This book provides practical and comprehensive coverage of digital electronics, bringing together information on fundamental theory, operational aspects and potential applications. With worked problems, examples, and review questions for each chapter, Digital Electronics includes: information on number systems, binary codes, digital arithmetic, logic gates and families, and Boolean algebra; an in-depth look at multiplexers, de-multiplexers, devices for arithmetic operations, flip-flops and related devices, counters and registers, and data conversion circuits; up-to-date coverage of recent application fields, such as programmable logic devices, microprocessors, microcontrollers, digital troubleshooting and digital instrumentation. A comprehensive, must-read book on digital electronics for senior undergraduate and graduate students of electrical, electronics and computer engineering, and a valuable reference book for professionals and researchers.

*PHP: The Complete Reference* John Wiley & Sons

The Book General Knowledge MCQ PDF Download (Grade 7-12 GK

eBook 2023-24): MCQ Questions Chapter 1-15 & Practice Tests with Answer Key (Class 7-12 General Knowledge MCQs Book & Online PDF Download) covers subjective tests for entry tests prep with hundreds of solved MCQs. General Knowledge MCQ with Answers PDF book covers basic concepts, theory and competitive assessment tests. "General Knowledge MCQ" PDF book helps to practice test questions from exam prep notes. General Knowledge MCQs Book includes revision guide with Olympiad, FTCE and entry tests past papers, solved MCQs. General Knowledge Multiple Choice Questions and Answers (MCQs) PDF Download, an eBook covers solved quiz questions and answers on chapters: Biosphere, circulatory system, earth structure, earth's atmosphere, environmental science, famous scientists, human skeleton, international organizations, life on earth, musculoskeletal system, oceans of world, seven continents, space and solar system, technology inventions, types of rocks tests for college and university revision guide. General Knowledge Quiz Questions and Answers PDF download, free eBook's sample covers beginner's solved questions, textbook's study notes to practice online tests. The eBook Class 7-12 GK MCQs Chapter 1-15 PDF includes high school question papers to review practice tests for exams. General Knowledge Multiple Choice Questions (MCQ) with Answers PDF digital edition eBook, a study guide with textbook chapters' tests for NEET/FTCE/AIIMS/UPSC/CSS/SSC competitive exam. General Knowledge Practice Tests Chapter 1-15 eBook covers problem solving exam tests from GK textbook and practical eBook chapter wise as: Chapter 1: Biosphere MCQ Chapter 2: Circulatory System MCQ Chapter 3: Earth Structure MCQ Chapter 4: Earth's Atmosphere MCQ Chapter 5: Environmental Science MCQ Chapter 6: Famous Scientists MCQ Chapter 7: Human Skeleton MCQ Chapter 8: International Organizations MCQ Chapter 9: Life on Earth MCQ Chapter 10: Musculoskeletal System MCQ Chapter 11: Oceans of World MCQ Chapter 12: Seven Continents MCQ Chapter 13: Space and Solar System MCQ Chapter 14: Technology Inventions MCQ Chapter 15: Types of Rocks MCQ Practice Biosphere MCQ PDF, book chapter 1 test to solve MCQ questions: Cryosphere, ice cap, introduction to biosphere, pedosphere, and world current affairs. Practice Circulatory System MCQ PDF, book chapter 2 test to solve MCQ questions: Cardiovascular circulatory system, heart, human circulatory system, pulmonary circulation, and structure of

circulatory system. Practice Earth Structure MCQ PDF, book chapter 3 test to solve MCQ questions: Earth's crust, and layers of earth. Practice Earth's Atmosphere MCQ PDF, book chapter 4 test to solve MCQ questions: Chlorofluorocarbons, earth atmosphere, layers of atmosphere, mesosphere, thermosphere, and troposphere. Practice Environmental Science MCQ PDF, book chapter 5 test to solve MCQ questions: Greenhouse effect, and ozone layer depletion. Practice Famous Scientists MCQ PDF, book chapter 6 test to solve MCQ questions: Albert Einstein, alexander graham bell, Aristotle, Avicenna, Charles Darwin, Ernest Rutherford, Ernst August Fiedrich Ruska, Erwin Schrodinger, Francis Crick, Fritz Haber, Galileo, General Knowledge, Gerd Binning, Hermann Emil Fischer, Jacobus Henricus Vant Hoff, Johannes Hans Danniell Jensen, Louis Pasteur, Maria Goeppert Mayer, Marie Curie, Max Born, Max Planck, Michael Faraday, Muhammad Abdus Salam, Niels Bohr, Nikola Tesla, Norman Haworth, Otto Hahn, Robert Woodrow Wilson, Sir Alexander Fleming, Sir Frederick Grant Banting, Sir Isaac Newton, Steven Weinberg, Thomas Edison, Willard Boyle, and William Ramsay. Practice Human Skeleton MCQ PDF, book chapter 7 test to solve MCQ questions: Blood cell production, bones disorders, human skeleton division, human skeleton functions, and introduction to human skeleton. Practice International Organizations MCQ PDF, book chapter 8 test to solve MCQ questions: Economic cooperation organization, European union, federal bureau of investigation, food and agriculture organization, IBRD, ICSID, IDA, international atomic energy agency, international civil aviation organization, international court of justice, international criminal court, international energy agency, international finance corporation, international fund for agricultural development, international hydrographic organization, international labor organization, international maritime organization, international monetary fund, international telecommunication union, international tribunal for law of sea, Interpol, MIGA, national aeronautics and space administration NASA, NATO cold war, north Atlantic treaty organization, OPEC, permanent court of arbitration, south Asian association for regional cooperation, the united nations, UNESCO, UNICEF, united nations conference on trade and development, united nations development programme, united nations environment programme, united nations high commissioner for refugees, united nations industrial development



organization, united nations security council, universal postal union, who, world bank, world current affairs, world food programme, world health organization, world intellectual property organization, world tourism organization, and world wildlife fund. Practice Life on Earth MCQ PDF, book chapter 9 test to solve MCQ questions: Cell biology, cell division, cell processes, eukaryotic organelles, prokaryotes and eukaryotes, subcellular components, and types of cells. Practice Musculoskeletal System MCQ PDF, book chapter 10 test to solve MCQ questions: Human musculoskeletal system, joints ligaments and bursae, and muscular system. Practice Oceans of World MCQ PDF, book chapter 11 test to solve MCQ questions: Arctic Ocean, Atlantic Ocean facts, general knowledge, Indian Ocean, Pacific Ocean facts and map, southern ocean, and world history. Practice Seven Continents MCQ PDF, book chapter 12 test to solve MCQ questions: Africa continent, Antarctica continent, Asia continent, Australia continent, Europe continent, general knowledge, North America continent, South America continent, and world current affairs. Practice Space and Solar System MCQ PDF, book chapter 13 test to solve MCQ questions: Andromeda galaxy, asteroid belt, black hole facts, comets facts, earth facts, equinoxes and solstices, galaxies, general knowledge, Jupiter facts, Kuiper belt, mars facts, mercury facts, moon facts, Neptune facts, Saturn facts, solar and lunar eclipse, solar system facts, solar system planets, solar systems, solar wind, sun facts, Uranus facts, Venus facts, world affairs, world current affairs, and world history. Practice Technology Inventions MCQ PDF, book chapter 14 test to solve MCQ questions: Acrylic fibers, adhesive bandage, airplane invention, alcohol thermometer, am radio, anesthesia, ATM device, atomic bomb, atomic theory, automobile, ballistic missile, bulb invention, cast iron, cathode ray tube, circuit breaker, combine harvester, compass invention, cotton gin, dc motor, earth inductor compass, electricity invention, electronic instrument, eyeglasses invention, FaceBook invention, fiber glass, fluorescent lamp, fluxgate magnetometer, FM radio invention, gasoline powered tractor, general knowledge, granular silica gel, GUI invention, gun powder, headset invention, hydraulic invention, ice cream maker, integrated circuit, internet protocol, inventions, inverted microscope, land mines, laser invention, liquid fuel rocket, magnetic device, magnetic field in physics, modern electric products, musical instrument, nickel zinc battery,

nuclear fission, nuclear power, optical disc, parachute, penicillin, periscope, personal computer, petrol powered automobile, photocopier, playing card, porcelain, printing press, programmable computer, pulp paper, qwerty keyboard, railroad locomotive, railway steam locomotive, refrigeration, regenerative circuit, resistor, solar battery, solar cell, steam engine, steam shovel, teetor control, telephone invention, thermosister invention, toggle light switch, transistors, web browser, and world wide web. Practice Types of Rocks MCQ PDF, book chapter 15 test to solve MCQ questions: Igneous rocks, metamorphic rocks, sedimentary rocks, and world history.

**A TEXTBOOK OF ENGINEERING CHEMISTRY** "O'Reilly Media, Inc."

Any good text book, particularly that in the fast changing fields such as engineering & technology, is not only expected to cater to the current curricular requirements of various institutions but also should provide a glimpse towards the latest developments in the concerned subject and the relevant disciplines. It should guide the periodic review and updating of the curriculum.

Basic Electronics PHI Learning Pvt. Ltd.

Complemented by hundreds of illustrations, a comprehensive resource on the latest version of PHP, the dominant programming language of the Web, demonstrates how to develop a variety of dynamic Web applications--including guest books, chat rooms, and shopping carts--with coverage of data handling, databases, object-oriented programming, AJAX, XML, security issues, and other topics. Original. (Intermediate)

### **THE PHYSICS OF QUANTUM MECHANICS**

Harper Collins

Major New York Times bestseller Winner of the National Academy of Sciences Best Book Award in 2012 Selected by the New York Times Book Review as one of the ten best books of 2011 A Globe and Mail Best Books of the Year 2011 Title One of The Economist's 2011 Books of the Year One of The Wall Street Journal's Best Nonfiction Books of the Year 2011 2013 Presidential Medal of Freedom Recipient Kahneman's work with Amos Tversky is the subject of Michael Lewis's The Undoing Project: A Friendship That Changed Our Minds In his mega bestseller, Thinking, Fast and Slow, Daniel Kahneman, the renowned psychologist and winner of the Nobel Prize in Economics, takes us on a groundbreaking tour

of the mind and explains the two systems that drive the way we think. System 1 is fast, intuitive, and emotional; System 2 is slower, more deliberative, and more logical. The impact of overconfidence on corporate strategies, the difficulties of predicting what will make us happy in the future, the profound effect of cognitive biases on everything from playing the stock market to planning our next vacation—each of these can be understood only by knowing how the two systems shape our judgments and decisions. Engaging the reader in a lively conversation about how we think, Kahneman reveals where we can and cannot trust our intuitions and how we can tap into the benefits of slow thinking. He offers practical and enlightening insights into how choices are made in both our business and our personal lives—and how we can use different techniques to guard against the mental glitches that often get us into trouble. Winner of the National Academy of Sciences Best Book Award and the Los Angeles Times Book Prize and selected by The New York Times Book Review as one of the ten best books of 2011, Thinking, Fast and Slow is destined to be a classic.

### **A TEXTBOOK OF CHEMICAL ENGINEERING THERMODYNAMICS** National Academies Press

Designed as an undergraduate-level textbook in Chemical Engineering, this student-friendly, thoroughly class-room tested book, now in its second edition, continues to provide an in-depth analysis of chemical engineering thermodynamics. The book has been so organized that it gives comprehensive coverage of basic concepts and applications of the laws of thermodynamics in the initial chapters, while the later chapters focus at length on important areas of study falling under the realm of chemical thermodynamics. The reader is thus introduced to a thorough analysis of the fundamental laws of thermodynamics as well as their applications to practical situations. This is followed by a detailed discussion on relationships among thermodynamic properties and an exhaustive treatment on the thermodynamic properties of solutions. The role of phase equilibrium thermodynamics in design, analysis, and operation of chemical separation methods is also deftly dealt with. Finally, the chemical reaction equilibria are skillfully explained. Besides numerous illustrations, the book contains over 200 worked examples, over 400 exercise problems (all with answers) and several objective-type questions, which enable students to gain an in-depth

understanding of the concepts and theory discussed. The book will also be a useful text for students pursuing courses in chemical engineering-related branches such as polymer engineering, petroleum engineering, and safety and environmental engineering. New to This Edition • More Example Problems and Exercise Questions in each chapter • Updated section on Vapour-Liquid Equilibrium in Chapter 8 to highlight the significance of equations of state approach • GATE Questions up to 2012 with answers

### GPSC CIVIL ENGINEERING MCQs WITH DETAILED SOLUTIONS 2021

McGraw Hill Professional

The third edition of Fundamentals of Information Technology is a 'must have' book not only for BCA and MBA students, but also for all those who want to strengthen their knowledge of computers. The additional chapter on MS Office is a comprehensive study on MS Word, MS Excel and other components of the package. This book is packed with expert advice from eminent IT professionals, in-depth analyses and practical examples. It presents a detailed functioning of hardware components besides covering the software concepts. A broad overview of Computer architecture, Data representation in the computer, Operating systems, Database management systems, Programming languages, etc., has also been included. An additional chapter on Mobile Computing and other state-of-the-art innovations in the IT world have been incorporated. Not only that, the latest Internet technologies have also been covered in detail. One should use this book to acquire computer literacy in terms of how data is represented in a computer, how hardware devices are integrated to get the desired results, how the computer can be networked for interchanging data and establishing communication. Each chapter is followed by a number of review questions.

**ENGINEERING ECONOMICS** Bushra Arshad

Whether we're buying a pair of jeans, ordering a cup of coffee, selecting a long-distance carrier, applying to college, choosing a doctor, or setting up a 401(k), everyday decisions—both big and small—have become increasingly complex due to the overwhelming abundance of choice with which we are presented. As Americans, we assume that more choice means better options and greater satisfaction. But beware of excessive choice: choice

overload can make you question the decisions you make before you even make them, it can set you up for unrealistically high expectations, and it can make you blame yourself for any and all failures. In the long run, this can lead to decision-making paralysis, anxiety, and perpetual stress. And, in a culture that tells us that there is no excuse for falling short of perfection when your options are limitless, too much choice can lead to clinical depression. In *The Paradox of Choice*, Barry Schwartz explains at what point choice—the hallmark of individual freedom and self-determination that we so cherish—becomes detrimental to our psychological and emotional well-being. In accessible, engaging, and anecdotal prose, Schwartz shows how the dramatic explosion in choice—from the mundane to the profound challenges of balancing career, family, and individual needs—has paradoxically become a problem instead of a solution. Schwartz also shows how our obsession with choice encourages us to seek that which makes us feel worse. By synthesizing current research in the social sciences, Schwartz makes the counter intuitive case that eliminating choices can greatly reduce the stress, anxiety, and busyness of our lives. He offers eleven practical steps on how to limit choices to a manageable number, have the discipline to focus on those that are important and ignore the rest, and ultimately derive greater satisfaction from the choices you have to make.

**Deaths of Despair and the Future of Capitalism** Penguin

The comprehensive study of electric, magnetic and combined fields is nothing but electromagnetic engineering. Along with electronics, electromagnetics plays an important role in other branches. The book is structured to cover the key aspects of the course Electromagnetic Field Theory for undergraduate students. The knowledge of vector analysis is the base of electromagnetic engineering. Hence book starts with the discussion of vector analysis. Then it introduces the basic concepts of electrostatics such as Coulomb's law, electric field intensity due to various charge distributions, electric flux, electric flux density, Gauss's law, divergence and divergence theorem. The book continues to explain the concept of elementary work done, conservative property, electric potential and potential difference and the energy in the electrostatic fields. The detailed discussion of current density, continuity equation, boundary conditions and various types of capacitors is also included in the book. The book

provides the discussion of Poisson's and Laplace's equations and their use in variety of practical applications. The chapter on magnetostatics incorporates the explanation of Biot-Savart's law, Ampere's circuital law and its applications, concept of curl, Stoke's theorem, scalar and vector magnetic potentials. The book also includes the concept of force on a moving charge, force on differential current element and magnetic boundary conditions. The book covers all the details of Faraday's laws, time varying fields, Maxwell's equations and Poynting theorem. Finally, the book provides the detailed study of uniform plane waves including their propagation in free space, perfect dielectrics, lossy dielectrics and good conductors. The book uses plain, lucid language to explain each topic. The book provides the logical method of explaining the various complicated topics and stepwise methods to make the understanding easy. The variety of solved examples is the feature of this book which helps to inculcate the knowledge of the electromagnetics in the students. Each chapter is well supported with necessary illustrations and self-explanatory diagrams. The book explains the philosophy of the subject which makes the understanding of the concepts very clear and makes the subject more interesting.

**Improving Diagnosis in Health Care** Kingsley Press

The New York Times bestselling author of *Being Mortal* and *Complications* reveals the surprising power of the ordinary checklist. We live in a world of great and increasing complexity, where even the most expert professionals struggle to master the tasks they face. Longer training, ever more advanced technologies—neither seems to prevent grievous errors. But in a hopeful turn, acclaimed surgeon and writer Atul Gawande finds a remedy in the humblest and simplest of techniques: the checklist. First introduced decades ago by the U.S. Air Force, checklists have enabled pilots to fly aircraft of mind-boggling sophistication. Now innovative checklists are being adopted in hospitals around the world, helping doctors and nurses respond to everything from flu epidemics to avalanches. Even in the immensely complex world of surgery, a simple ninety-second variant has cut the rate of fatalities by more than a third. In riveting stories, Gawande takes us from Austria, where an emergency checklist saved a drowning victim who had spent half an hour underwater, to Michigan, where a cleanliness checklist in intensive care units virtually eliminated a type of deadly hospital infection. He

explains how checklists actually work to prompt striking and immediate improvements. And he follows the checklist revolution into fields well beyond medicine, from disaster response to investment banking, skyscraper construction, and businesses of all kinds. An intellectual adventure in which lives are lost and saved and one simple idea makes a tremendous difference, *The Checklist Manifesto* is essential reading for anyone working to get things right.

**Better** S. Chand Publishing

The New York Times bestseller that gives readers a paradigm-shattering new way to think about motivation from the author of *When: The Scientific Secrets of Perfect Timing* Most people believe that the best way to motivate is with rewards like money—the carrot-and-stick approach. That's a mistake, says Daniel H. Pink (author of *To Sell Is Human: The Surprising Truth About Motivating Others*). In this provocative and persuasive new book, he asserts that the secret to high performance and satisfaction—at work, at school, and at home—is the deeply human need to direct our own lives, to learn and create new things, and to do better by ourselves and our world. Drawing on four decades of scientific research on human motivation, Pink exposes the mismatch between what science knows and what business

does—and how that affects every aspect of life. He examines the three elements of true motivation—autonomy, mastery, and purpose—and offers smart and surprising techniques for putting these into action in a unique book that will change how we think and transform how we live.

**Bad Pharma** Metropolitan Books

NATIONAL BESTSELLER The New York Times bestselling author of *Being Mortal* and *Complications* examines, in riveting accounts of medical failure and triumph, how success is achieved in a complex and risk-filled profession The struggle to perform well is universal: each one of us faces fatigue, limited resources, and imperfect abilities in whatever we do. But nowhere is this drive to do better more important than in medicine, where lives are on the line with every decision. In this book, Atul Gawande explores how doctors strive to close the gap between best intentions and best performance in the face of obstacles that sometimes seem insurmountable. Gawande's gripping stories of diligence, ingenuity, and what it means to do right by people take us to battlefield surgical tents in Iraq, to labor and delivery rooms in Boston, to a polio outbreak in India, and to malpractice courtrooms around the country. He discusses the ethical dilemmas of doctors' participation in lethal injections, examines

the influence of money on modern medicine, and recounts the astoundingly contentious history of hand washing. And as in all his writing, Gawande gives us an inside look at his own life as a practicing surgeon, offering a searingly honest firsthand account of work in a field where mistakes are both unavoidable and unthinkable. At once unflinching and compassionate, *Better* is an exhilarating journey narrated by "arguably the best nonfiction doctor-writer around" (Salon). Gawande's investigation into medical professionals and how they progress from merely good to great provides rare insight into the elements of success, illuminating every area of human endeavor.

**Pratiyogita Darpan** PHI Learning Pvt. Ltd.

This MCQ book of GPSC (Gujarat Public Service Commission) for Civil Engineering contains a variety of fully solved multiple choice questions, based on the latest pattern of GPSC exams. The book is useful for all vacancies of Commission like Assistant Engineer, Executive Engineer, Deputy Executive Engineer, Additional Assistant Engineer, etc. in various departments such as R&B, Narmada Water Resource, Municipal Corporation, Health & Family Welfare and Gujarat Water Supply. The book consists complete syllabus of Civil Engineering bifurcated topic-wise including all small topics, and also carry proper solution of each question.

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