

# Aditi Singhal S Free

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**God's Own Office** - James Joseph 2017-11-01

Can you work in India while you live in Bharat? James Joseph was in his late thirties, well ensconced in his job as a director with Microsoft, when he decided to take a family vacation to Aluva, Kerala. His six-year-old daughter tasted a jackfruit from a tree in their own yard and remarked, 'Daddy, this is so delicious. I wish I could eat the fruits from this tree every year.' Part memoir, part how-to, this is his amazing story of starting out from the backwaters of Kerala, becoming a corporate captain in America and then finding a way to have a successful career while working out of his village in Kerala. This book also contains tips and techniques for anyone frustrated with living in cities. How do you set up a home office? How do you integrate with the local community? Where do your kids go to school? How do you convince your company to give you this opportunity? God's Own Office may well inspire you to transform your life.

**How to Become a Human Calculator?, 2nd Edition** - Aditi Singhal

This edition of the well-known book aims at helping students to sharpen their Vedic math techniques along with traditional math calculation methods to increase their calculation speed with accuracy. Methods and tricks for fast/quick calculation constitutes the main pillar of the book. This book will not only help students in their courses but also will help them cracking various competitive exam, especially which involve long and complex and tedious calculations. The sound pedagogical treatment will instil a lot of confidence among students and competitive exam aspirants.

**How To Memorize Anything** - Amanda Stentons 2020-01-22

Not Knowing This Information Could Ruin Your Learning Experience! Does any of this sound like you? Do you have a hard time remembering things? Do you need to take an exam, but can't concentrate? Do you tend to forget even the simplest things easily? If you're nodding yes to any of the above, you're not alone! Discover how you can use the right exercises for the mind. There are some critical things you MUST know if you want to greatly improve your memory and concentration in the shortest time possible. How to memorize anything: The art of memorizing everything is her third book. Here, you'll find effective, powerful, and easy-to-read advice. You'll learn how to dramatically improve imagination and read effectively. Read this book and stop worrying about your memory. Within her new book, the author Amanda Stentons covers nearly everything you need to know about your memory so you can start developing a great memory as soon as today. There are so many things that can be taken out of this book and applied for reading effectively and improving memory that will help you feel better. Even if you don't have problems with your memory, you still need to read this book. Here's what you'll soon discover if you read How to memorize anything Find out The Right Methods for Speed Reading. An Ingeniously Simple Secret To Increase Your Intellectual Capacity The Best Ways for Developing Effective Reading Habits Discover Why Books are Better than Movies. How to Remove Distractions And Bad Habits. The Key Tips & Tricks For Learning Languages The Techniques To Develop Critical Thinking And much more! Get more done and smash through every one of your goals. This is the book everyone needs. The exercises are not complicated, even the beginners will be able to follow directions. After reading this book, you'll be on your way to an excellent

memory. This is what everybody ought to know about the most powerful techniques to work and study better with memory in one easy to read book. You Can't go wrong with How to memorize anything, read it, learn new things in a new and refreshing way, and take advantage of everything it has to offer so you can improve not only your memory but also enrich your life in many ways. It's a great gift for yourself or anyone. Everything is explained in PLAIN English, so it's easy to understand and put to practice so you can become more productive. It covers all the aspects to improve your reading with memory. Just get started and start improving your learning and focus. Go for it, with the help of this book anyone can do it. Would You Like to Know More? Don't miss your chance to start improving your memory today! If you need to improve your notes, hold yourself accountable, track your progress and make major progress in your learning and life.

**The Trachtenberg Speed System of Basic Mathematics** - Jakow Trachtenberg 2011-03-01

Ever find yourself struggling to check a bill or tax on a payslip? The Trachtenberg Speed System provides a course in refining basic mathematics skills to tackle large sums before simplifying to increase concentration and ability in day-to-day arithmetic. The Trachtenberg system has been described as the 'shorthand of mathematics' and only requires the ability to count from one to eleven. Using a series of simplified keys, it allows anyone to master numbers and calculations giving greater speed, ease in handling numbers and increasing accuracy. Jakow Trachtenberg believed that everyone is born with phenomenal abilities to calculate. He devised a set of rules that allows every child to make multiplication, division, addition, subtraction and square-root calculations with unerring accuracy and at remarkable speed. A perfect entry into gaining confidence with numbers.

**Automotive Mechanics** - William Harry Crouse 1985-01-01

This edition of the text covers the latest developments in automotive design, construction, operation, diagnosis, and service. The text integrates the new with the old, simplifying explanations, shortening sentences, and improving readability. Hundreds of illustrations cover new developments, especially those relating to the foreign automotive industry and federal laws governing automotive air pollution, safety, and fuel economy. The Tenth Edition contains two four-color illustrated sections. Many chapters end with vocabulary words and "think-type" review questions, in addition to the National Institute of Automotive Service Excellence (ASE) style of multiple-choice questions. For schools seeking program certification by the national Automotive Technicians Education Foundation (NATEF), the high-priority items from their diagnosis, service, and repair task lists have been included.

**POWER PLANT ENGINEERING** - MANOJ KUMAR GUPTA 2012-06-12

This textbook has been designed for a one-semester course on Power Plant Engineering studied by both degree and diploma students of mechanical and electrical engineering. It effectively exposes the students to the basics of power generation involved in several energy conversion systems so that they gain comprehensive knowledge of the operation of various types of power plants in use today. After a brief introduction to energy fundamentals including the environmental impacts of power generation, the book acquaints the students with the working

principles, design and operation of five conventional power plant systems, namely thermal, nuclear, hydroelectric, diesel and gas turbine. The economic factors of power generation with regard to estimation and prediction of load, plant design, plant operation, tariffs and so on, are discussed and illustrated with the help of several solved numerical problems. The generation of electric power using renewable energy sources such as solar, wind, biomass, geothermal, tidal, fuel cells, magneto hydrodynamic, thermoelectric and thermionic systems, is discussed elaborately. The book is interspersed with solved problems for a sound understanding of the various aspects of power plant engineering. The chapter-end questions are intended to provide the students with a thorough reinforcement of the concepts discussed.

Aspergillus Fumigatus and Aspergillosis - Jean-Paul Latgé 2009

Offers the latest insights into the fundamental biology and pathogenesis of *A. fumigatus*.

Provides a combined synopsis of both *A. fumigatus* and its diseases and therapies. Encompasses the most up-to-date knowledge to serve as a resource guide for the next decade of study on this organism and the many diseases it causes. Covers the fundamental biology of *A. fumigatus* including specific features in genetics, biochemistry, and cell biology that can explain the virulence of this opportunistic pathogen. Discusses the wide range of clinical infection, plus the latest diagnostic and treatment strategies, in specific patient populations.

**Pi Agency** - Neelabh Pratap Singh 2020-09-29

A Rookie Detective A Troubled Businessman An Invisible Enemy Rashmi Purohit - a failed CBI aspirant - struggles to run her own private detective agency out of her claustrophobic basement. When a wealthy businessman with a troubled, drug-addicted son arrives at her doorstep, a cash-strapped Rashmi Purohit and her band of amateurs grab the opportunity. Little do they know that the enemy they are up against doesn't just operate in the shady ghettos of the capital, but also in the darkest recesses of the virtual world. What seems like a perfect case may destroy her agency and her life in more ways than possible.

Ultimate Memory Handbook for Students - Sudhir Singhal 2018-12-14

Ace your curriculum and assessments with these ultimate memory techniques Retaining information can be hard, especially when you have so many things to focus on-your homework, the rigorous school syllabus and the ever-dreaded competitive exams. Today, students just have too much to learn! This book will serve as a handbook for you to memorize information, topics and answers from your course of study. Using memory-enhancing practices and techniques along with tips, activities and practice sections, you can train your brain to retain a wide range of topics and subjects. From the periodic table to trigonometry, history dates to countries and their capitals, master it all with these practical techniques, supported by some quirky and fun artwork that serves as a great visual aid.

A Mink, a Fink, a Skating Rink - Brian P. Cleary 2017-08-01

What is a noun? It's easier to show than explain—and this book is brimming with examples. Author Brian Cleary and illustrator Jenya Prosmitsky creatively clarify the concept of nouns for young readers. Nouns are printed in color for easy identification, and the playful rhymes and illustrations combine to highlight key words.

**Mental Math** - Abhishek VR 2019-05-19

Discover the Mental Math Secrets to Become a Human Calculator! Schools taught you a way to do math that works when you have a pen & paper. But the same methods, takes a lot of effort when you have to do math in your head. This is because it uses a lot of your working memory (the short term memory used to complete a mental task). For example, try to mentally multiply 73,201 x 3. It might take only a few seconds to multiply the individual digits. But if you multiply right to left the way you learnt in school, you will rely on your working memory. You will use it to recall every single digit you calculate to put it back together and get your final answer. You may even find yourself calculating some digits again because you forgot one of the numbers. The difficulty increases further when you have to multiply larger numbers like 732 x 323. You will have to remember numbers across many steps. Mental arithmetic would be a lot easier to do in

your head if you didn't have to remember so many numbers. In school, you learnt to write the down numbers as you calculate to free up your working memory. In mental math, there are many other ways to do the same thing. One of the tricks to free up your working memory is to calculate from left to right instead of right to left. Try multiplying 73,201 x 3 from left to right, starting from 7 x 3 and ending with 1 x 3. You will find yourself calling out the answer before you even finish the whole problem. You can use this trick to solve any math problem in the future. But we have just scratched the surface. There are many more tricks inside the book that make doing mental math as easy as reading a comic. Here is a glimpse of what you will be able to master: • Mentally add large numbers(Example: Add 8739 + 5492 in your head in seconds) • Subtract numbers fast. (Example: Mentally subtract 7520 - 4998 without writing anything down) • Multiplication tricks to multiply three-digit numbers. (Example: Multiply 323 x 123 in your head) • Square large numbers in seconds (Example: Calculate 64 x 64 faster than a calculator) • Mentally divide large numbers (Example: Divide 601324 by 73 entirely in your head) • Quickly check a calculation with 90% accuracy without re-calculating • Overcome math anxiety • Cement your mental math skills with bonus weekly training. This book only has the best techniques used by over 27 mental and Vedic math experts across the world. The techniques in this book are so simple you will wonder why nobody taught you this before. You will be able to master it, even if you have failed math in school. Imagine waking up tomorrow being able to do lightning fast math in your head. Your family & friends will look at you like you are some kind of a genius. Since you do the calculations in your head, you will acquire better mental habits in the process. So you will not just look like a genius. You will actually be one. Buy Now To Become A Human Calculator Every minute you wait to buy this book, is another minute you don't see the benefit of being good with math & numbers. Put the power of mental math to work in your life so you can quickly & easily: • make math and numbers more useful • develop better memory habits • increase concentration • develop new ways to think • and do speed math entirely in your head faster than a calculator! Get your copy today! A MUST BUY for students of Vedic Mathematics, GMAT, GRE, SAT, Case Study Interview and Case Interview.

How to Learn Almost Anything in 48 Hours - Tansel Ali 2016-08

Shortcuts and brain hacks for learning new skills fast! Three-time Australian Memory Champion Tansel Ali reveals the secret to learning new skills fast--easy-to-learn memory strategies, including mind mapping, visualization techniques, and mnemonic devices. If you'd like to study for exams efficiently, speak a foreign language, memorize a speech, learn to play a new musical instrument, or improve your general knowledge, memory-training expert Tansel shows you how to do it quickly and effectively with the aid of a few memory tricks. Packed with practical exercises for honing memory and training your brain to learn well and learn fast, this is the ultimate book for sharpening your mind and expand your knowledge.

**How to Improve Your Concentration** - Aditi Singhal 2020-11-16

Our world today is filled with distractions that demand our attention every few seconds. The constant messages, notifications and pop-ups have a huge impact on our physical and mental health, making it difficult for us to concentrate on any task. In such a fast-paced world, attention is our most important resource. But we are largely unaware of the key role it plays in shaping our everyday lives. The book aims to help you harness the power of concentration for personal and professional growth, and overcome distractions through simple, research-based and time-tested exercises. It showcases various techniques used by maths and memory experts Aditi and Sudhir Singhal, and digital wellness coach Bala Kishore, in their own lives.

**How to Be a Mathemagician** - Aditi Singhal 2017-05-15

Mathematics is an integral part of our life but many of us think of it only as a subject to be studied in school or college. In this book, Aditi and Sudhir Singhal, renowned maths educators, demystify mathematical principles and outline fascinating, fun and easy-to-learn techniques to excel in this field. Divided into two parts, How to Be a Mathemagician is a double-sided book (flip the book around to switch between sections!) that packs twice the punch, with one section

containing tricks and delightful activities, and the other stimulating problem-solving steps to simplify calculations, quirky maths facts and much more. Meant for all age groups-students, teachers and parents alike, How to Be a Mathemagician will make you fall in love with the world of numbers.

How to Memorize Anything - Aditi Singhal 2015

**Handbook of Research on Promoting Business Process Improvement Through Inventory Control Techniques** - Shah, Nita H. 2017-12-22

Stock management and control is a critical element to the success and overall financial well-being of an organization. Through the application of innovative practices and technology, businesses are now able to effectively monitor their operations and manage their inventory by evaluating sales patterns and customer preferences. The Handbook of Research on Promoting Business Process Improvement Through Inventory Control Techniques is a critical scholarly resource that examines optimization techniques, data mining concepts, and genetic algorithms to manage inventory control. Featuring coverage on a broad range of topics such as logistics and supply chain management, stochastic inventory modelling, and inventory management in healthcare, this book is geared towards academicians, practitioners, and researchers seeking various research methods to get optimal ordering policy.

Comprehensive Guide to IBPS Bank PO/ MT Preliminary & Main Exam (6th Edition) - Disha Experts 2017-10-07

- The thoroughly revised & updated 6th edition of "Comprehensive Guide to IBPS-CWE Bank PO Exam" has been designed specially for the CWE Bank PO stage 1 & 2 of the exam.
- A chapter on Sentence Exclusion has been introduced as asked in the 2016 PO Mains Exam.
- The book covers all the sections of the Preliminary & Main PO exam - English Language, Quantitative Aptitude, Reasoning Ability, Computer Aptitude, and Banking Knowledge & General Awareness.
- The book provides well illustrated theory with exhaustive fully solved examples for learning. This is followed with an exhaustive collection of solved questions in the form of Exercise.
- The book incorporates fully solved 2012, 2013, 2014, 2015 & 2016 IBPS PO question papers with solutions of Descriptive Test.
- The Current Affairs section has been updated with the latest questions so as to provide an updated book to the aspirants.

Artificial Intelligence and Global Society - Puneet Kumar 2021-03-16

In the constant battle between human intelligence and machine intelligence, machines are close to surpassing human intelligence. The unrestrained use of digital technologies in automating processes is one of the prime advantages of the third industrial revolution. As a result, all developed and developing nations have started to digitalize mundane tasks. Thus, digital technologies for information and communication technologies (ICT) have achieved high market space in terms of infrastructure building, employment generation, education sector reforms, funds mobilization, electronic governance, hardware manufacturing, software development, etc. Hence, it is evident that every segment of society has been penetrated by ICT or digitalization. This book attempts to spotlight areas where AI is thriving. FEATURES Impact of digitalization and AI on governance Novel AI practices being followed across the global community in security, healthcare, crime prevention and detection, education, agriculture, sensor networks, etc. Innovative techniques that can be adopted to ensure better quality and better delivery of services to the society Avenues for further research by the research community and student fraternity This book is a guide for university students (especially those from technical backgrounds), industries, NGOs, and policy makers.

**Memory Palace Master** - Gareth Moore 2021-11-11

**How to Improve Concentration** - Aditi Singhal 2021-04

Our world today is filled with distractions that demand our attention every few seconds. The constant messages, notifications and pop-ups have a huge impact on our physical and mental

health, making it difficult for us to concentrate on any task. In such a fast-paced world, attention is our most important resource. But we are largely unaware of the key role it plays in shaping our everyday lives. The book aims to help you harness the power of concentration for personal and professional growth, and overcome distractions through simple, research-based and time-tested exercises. It showcases various techniques used by maths and memory experts Aditi and Sudhir Singhal, and digital wellness coach Bala Kishore, in their own lives.

**Vedic Mathematics Made Easy** - Dhaval Bathia 2005-01-01

A Simplified Approach For Beginners& Can you multiply 231072 by 110649 and get the answer in just a single line? Can you find the cube root of 262144 or 704969 in two seconds? Can you predict the birth-date of a person without him telling you? Can you predict how much money a person has without him telling you? Can you check the final answer without solving the question? Or, in a special case, get the final answer without looking at the question? Can you solve squares, square roots, cube-roots and other problems mentally? All this and a lot more is possible with the techniques of Vedic Mathematics described in this book. The techniques are useful for students, professionals and businessmen. The techniques of Vedic Mathematics have helped millions of students all over the world get rid of their fear of numbers and improve their scores in quantitative subjects. Primary and secondary school students have found the Vedic mathematics approach very exciting. Those giving competitive exams like MBA, MCA, CET, UPSC, GRE, GMAT etc. have asserted that Vedic Mathematics has helped them crack the entrance tests of these exams.

*Shades of Love* - Ashraf Nehal, 2022-01-05

Shades of Love, is a daring and intimate exploration of the different colours of love. Each piece of work allows readers to muse about their own experiences of love, whether it be self, familial, platonic or romantic.

Covid-19: The Great Reset - Thierry Malleret 2020-07-09

"The Corona crisis and the Need for a Great Reset" is a guide for anyone who wants to understand how COVID-19 disrupted our social and economic systems, and what changes will be needed to create a more inclusive, resilient and sustainable world going forward. Thierry Malleret, founder of the Monthly Barometer, and Klaus Schwab, founder and executive Chairman of the World Economic Forum, explore what the root causes of these crisis were, and why they lead to a need for a Great Reset. Theirs is a worrying, yet hopeful analysis. COVID-19 has created a great disruptive reset of our global social, economic, and political systems. But the power of human beings lies in being foresighted and having the ingenuity, at least to a certain extent, to take their destiny into their hands and to plan for a better future. This is the purpose of this book: to shake up and to show the deficiencies which were manifest in our global system, even before COVID broke out.

How to Memorize Anything - Aditi Singhal 2015-02-10

Can we really memorize anything? The answer is, 'Yes we can!' From Guinness World Record holders (for conducting the largest maths class on memorizing times tables till 99) Aditi Singhal and Sudhir Singhal comes a book that will serve as a manual to explore the immense power of your memory through a scientific yet simple approach. It will: • Explain concepts with simple illustrations • While teaching you memory techniques, it will also discuss their application in real life, like memorizing appointments, presentations, names and faces, long answers, spellings, formulae, vocabulary, foreign languages and general information • Give the scientific interpretation of ancient memory-enhancing practices that will be particularly useful for students, teachers, professors, doctors, managers, marketing and other professionals as well as the common man Following the unparalleled success of How to Become a Human Calculator, Aditi Singhal and Sudhir Singhal turn their hands to helping you master the right method to input any information using which you can easily memorize anything and, more important, recall it whenever required.

**A Plan That Actually Works** - Anagh Prasad 2020-07-13

Written by a former All India Topper, this book has been touted by several iconic IITians as the most effective book on JEE planning ever written! Anagh argues that most IITians are neither born-geniuses nor unusually intense work-machines; they are smart planners instead. He takes you behind-the-scenes to reveal how smart planning works for JEE and lays out a clear framework for goal-oriented thinking. The step by step approach outlined across 11 chapters covers everything from daily routine to efficient practice to long term motivation, all explained through real life examples and presented with time-tested proofs. It talks about achieving one's goals while not missing out on a balanced life and questions people's deepest beliefs about achieving a large and meaningful goal like IIT-JEE. After finishing the book, readers will take away not just a concrete plan to prepare for JEE, but in the words of an early reviewer, a "life-altering" change in perspective towards success. "Edifying and thought-provoking! Reading this book will help you succeed not only in JEE but also in life." - Chitraang Murdia, AIR-1 in JEE Adv, 2014 "Covers a lot of important topics and explains goal setting well" - Aman Bansal, AIR-1 in JEE Adv, 2016 "Develops a holistic strategy to ace the JEE" - Ananye Agarwal, AIR-3 in JEE Adv, 2017 "Informative and Inspirational! It unravels the inner workings of a topper's mind" - Amey Gupta, AIR-8 in JEE Adv, 2014 "It will enable students to follow tested winning strategies rather than reinvent the wheel" - Kartikeya Gupta, AIR-4 in JEE Adv, 2013 "It iterates on the timeless wisdom of BhagvadGita to excel not only in JEE but any goal in life" - Vishwajeet Agarwal, AIR-5 in JEE Main, 2017. More about the book can be found out at [www.thejeeproject.com](http://www.thejeeproject.com)

**How to Become a Human Calculator** - Aditi Singhal 2011

Useful for School students, teachers, and professionals and a must for those appearing for competitive exams like UPSC, MBA, MCA, GMAT, GRE, CSAT, etc. □After reading this book, solving  $5378942639 \div 8120594263$ , finding the square of 99975, the cube root of 704969 or calculating any day from 500 years would be child's play

Technology intensification and farmers' welfare: A case study from Karnataka, a semi-arid state of India - Kapoor, Shreya 2020-12-14

Technology adoption has been advocated as an important way to improve agricultural productivity and welfare of farmers in the semi-arid regions across the globe. The Government of Karnataka implemented the Bhoosamrudhi program in four districts of the state (Bidar, Chikballapur, Dharwad, and Udupi) as a pilot project to increase the crop yield and income of smallholder farmers. This program was launched on the theme of technology adoption along with convergence among different departments of agriculture. Farmers have been classified into five categories based on their levels of technology intensification to assess the impact of different levels of technology intensification on their welfare. The research is built on a primary survey conducted in pilot districts of the state in 2018 over a sample of 1,465 farmer households. The results generated using econometric methods of propensity score matching (PSM) and inverse probability weighted with regression adjustment (IPWRA) highlight that the higher the intensification, the higher the net returns to the farmers. The results state that non-adopters would receive a benefit of an additional Rs.3200 per month if they adopt at least one level of technology intensification. Hence, this program turned out to be a successful model for smallholder farmers in semi-arid regions of India. Steps should be taken to maintain and expand the momentum of adoption to ensure food and livelihood security in the economy.

**Crack the Code** - Sudhir Singhal 2019-10-25

CRACK THE CODE: Maths Mysteries for All Ages is packed with clever conundrums and ciphers for anyone interested in critical thinking, logical reasoning and mathematics, of course. Whether you are 11 or 41, you're going to love solving the 25 mysteries in this book that combine simple cryptology and arithmetic with some quick, out-of-the-box thinking. Use these innovative puzzle-based activities and stories to build problem-solving skills, remember maths concepts and practise mental maths in a way that's effective and, most importantly, interesting. Mathematics just became more fun!

**Vedic Mathematics Or Sixteen Simple Mathematical Formulae from the Vedas for One-**

**line Answers to All the Mathematical Problems)** - Bhāratī Kṛṣṇa Tīrtha 1981

**How to Know Yourself** - Osho 2018-09-10

"We do a million things not to be alone with ourselves. But truly knowing oneself is indeed a miracle." We measure ourselves by the connections we make and the relationships we maintain. At any point in life, a person is someone's sibling, friend or lover. But as soon as these descriptors are taken away, a person suddenly feels naked, vulnerable or even lost. It is believed that truly knowing yourself is the first step towards understanding the world around us. But how does one begin that path to understanding? Read on, as Osho talks about the many ways by which you can truly find yourself and begin a spiritual journey in How to Know Yourself.

*Graph-based Natural Language Processing and Information Retrieval* - Rada Mihalcea 2011-04-11

Graph theory and the fields of natural language processing and information retrieval are well-studied disciplines. Traditionally, these areas have been perceived as distinct, with different algorithms, different applications and different potential end-users. However, recent research has shown that these disciplines are intimately connected, with a large variety of natural language processing and information retrieval applications finding efficient solutions within graph-theoretical frameworks. This book extensively covers the use of graph-based algorithms for natural language processing and information retrieval. It brings together topics as diverse as lexical semantics, text summarization, text mining, ontology construction, text classification and information retrieval, which are connected by the common underlying theme of the use of graph-theoretical methods for text and information processing tasks. Readers will come away with a firm understanding of the major methods and applications in natural language processing and information retrieval that rely on graph-based representations and algorithms.

**Ready, Study, Go!** - Khurshed Batliwala 2016-11-10

Can studying really be interesting and enjoyable? This book explores attitudes towards studying and offers tips and techniques to turn studying into an interesting, enjoyable activity instead of the dull drudgery that it is for most people. Why study subjects you don't like? How to exercise and diet right to keep your brain alert? How to use mind maps to study during an emergency? Art of Living teachers Khurshed Batliwala and Dinesh Ghodke distill years of learning and teaching young people into this fun, easy-to-read book.

Modulating Gene Expression - Aditi Singh 2019-05-29

RNA interference (RNAi) is a widely used technology for gene silencing and has become a key tool in a myriad of research and lead discoveries. In recent years, the mechanism of RNAi agents has been well investigated, and the technique has been optimized for better effectiveness and safety. On the other hand, the clustered regularly interspaced short palindromic repeats (CRISPR)-associated Cas9/gRNA system is a recent, novel, targeted genome-editing technique derived from the bacterial immune system. Recent advances in gene-editing research and technologies have enabled the CRISPR Cas9 system to become a popular tool for sequence-specific gene editing to correct and modify eukaryotic systems. In this book, we will focus on the mechanisms, applications, regulations (their pros and cons), and various ways in which RNAi-based methods and CRISPR-Cas9 technology have stimulated the modulation of gene expression, thereby making them a promising therapeutic tool to treat and prevent complex diseases and disorders.

**Maths Sutra** - Gaurav Tekriwal 2015-11-10

If you hate mathematics If you have always struggled to solve your maths problems in time If you are scared of complex calculations If you are attempting competitive or board exams Or if you would just like to improve your maths skills This book is for you! Based on the sixteen sutras, vedic maths is practically the only magical principle you need to tackle anything from simple arithmetic to algebra, algorithms, square roots, cube roots, trigonometry and many more mathematical concepts. In this book you will find easy methodology that will help you solve

complex questions, and practice exercises that will test your understanding of these concepts. So go ahead, make Maths Sutra your essential guide to mathematics!

*Enzymes in Food Biotechnology* - Mohammed Kuddus 2018-08-23

*Enzymes in Food Biotechnology: Production, Applications, and Future Prospects* presents a comprehensive review of enzyme research and the potential impact of enzymes on the food sector. This valuable reference brings together novel sources and technologies regarding enzymes in food production, food processing, food preservation, food engineering and food biotechnology that are useful for researchers, professionals and students. Discussions include the process of immobilization, thermal and operational stability, increased product specificity and specific activity, enzyme engineering, implementation of high-throughput techniques, screening to relatively unexplored environments, and the development of more efficient enzymes. Explores recent scientific research to innovate novel, global ideas for new foods and enzyme engineering Provides fundamental and advanced information on enzyme research for use in food biotechnology, including microbial, plant and animal enzymes Includes recent cutting-edge research on the pharmaceutical uses of enzymes in the food industry

*How To Memorize* - Erol Ozvatan 2021-02-28

In "How To Memorize" you'll unlock the potential of your memory and brain. You'll be able to memorize almost anything you like, and at any time you like. Before I began studying memory techniques, my memory was very poor. I could not remember where I put my keys, glasses or where I parked my car. I couldn't even remember if I locked my car doors or not. I never used to be able to remember birthdays, passwords, pin numbers, to do lists, and everything else in between. Not being able to remember the names of the people I met was my worst of all. Fast forward to present day and what seemed absolutely impossible to me a few years ago is now second nature to me. What you will achieve with your memory may seem impossible to you now, but when you start practicing the systems and methods in this beautiful art of memorising, you will be astonished to see that it was always possible and that you always had a good memory. If I could do this, I'm more than sure you can!

*Secrets of Mental Math* - Arthur Benjamin 2008-06-03

These simple math secrets and tricks will forever change how you look at the world of numbers. Secrets of Mental Math will have you thinking like a math genius in no time. Get ready to amaze your friends—and yourself—with incredible calculations you never thought you could master, as renowned “mathemagician” Arthur Benjamin shares his techniques for lightning-quick calculations and amazing number tricks. This book will teach you to do math in your head faster than you ever thought possible, dramatically improve your memory for numbers, and—maybe for the first time—make mathematics fun. Yes, even you can learn to do seemingly complex equations in your head; all you need to learn are a few tricks. You'll be able to quickly multiply and divide triple digits, compute with fractions, and determine squares, cubes, and roots without blinking an eye. No matter what your age or current math ability, Secrets of Mental Math will allow you to perform fantastic feats of the mind effortlessly. This is the math they never taught you in school.

*The Difficulty of Being Good* - Gurcharan Das 2010-10-04

Why should we be good? How should we be good? And how might we more deeply understand the moral and ethical failings--splashed across today's headlines--that have not only destroyed

individual lives but caused widespread calamity as well, bringing communities, nations, and indeed the global economy to the brink of collapse? In *The Difficulty of Being Good*, Gurcharan Das seeks answers to these questions in an unlikely source: the 2,000 year-old Sanskrit epic, Mahabharata. A sprawling, witty, ironic, and delightful poem, the Mahabharata is obsessed with the elusive notion of dharma--in essence, doing the right thing. When a hero does something wrong in a Greek epic, he wastes little time on self-reflection; when a hero falters in the Mahabharata, the action stops and everyone weighs in with a different and often contradictory take on dharma. Each major character in the epic embodies a significant moral failing or virtue, and their struggles mirror with uncanny precision our own familiar emotions of anxiety, courage, despair, remorse, envy, compassion, vengefulness, and duty. Das explores the Mahabharata from many perspectives and compares the successes and failures of the poem's characters to those of contemporary individuals, many of them highly visible players in the world of economics, business, and politics. In every case, he finds striking parallels that carry lessons for everyone faced with ethical and moral dilemmas in today's complex world. Written with the flair and seemingly effortless erudition that have made Gurcharan Das a bestselling author around the world--and enlivened by Das's forthright discussion of his own personal search for a more meaningful life--*The Difficulty of Being Good* shines the light of an ancient poem on the most challenging moral ambiguities of modern life.

*Vedic Mathematics for All Ages* - Vandana Singhal 2007

The author has attempted to codify several useful results embedded in the ancient lore, in a form which is easily accessible to the children learning mathematics. Many of the chapters deal with computations using simple techniques which will shorten the effort involved in the conventional approach. The price one pays, of course, is that one has to learn the tricks, memorize them and use the appropriate one for each problem. While one might think that this takes away the generality of the modern approach, it certainly has the element of charm and intrigue which children [and grown-ups!] will find entertaining. Even working out why many of these approaches lead to correct results is a valuable exercise by itself. Contents Foreword, Preface, Feedback, Introduction, 1. Complement, Subtraction, Multiplication by Specific Numbers, Base Multiplication, Working Base Multiplication, Multiplication, Algebra, Digital Roots, Divisibility, Division I, Division II, Squares, Straight Squaring, Cubes, Square roots of exact squares, Cube roots of exact cubes, Straight Division, Square roots II, Sutras, Glossary, Index.

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Want to write a book but have no clue how to structure your thoughts and convert it into a book? Clueless or confused about the whole process of writing a book? Already writing a book but unable to complete it due to various reasons? Completed writing your manuscript but have no clue how to go about publishing it? Have a book and are confused about how to promote it? Writing a book involves sleepless nights, endless excitement, and innumerable challenges. Overcome the hurdles on your journey to becoming an Author. String together words that fill the pages of a powerful book spontaneously. Make your book writing journey fun and soulful. This book has broken down the process of writing and publishing a book into simple steps. These steps help the aspiring author create their signature style of writing, and efficiently manage their energy, effort, and time while writing a book. “Dive into a life-transforming journey and accomplish your goal of writing your dream book.”