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GGSIPIU B.SC HONS NURSING GUIDE 2022

Arihant Publications India limited **With the commencement of 2 Term Examination by CBSE Board, students are getting through with this new normal sense of examination. The second term or TERM II is a healthy amalgamation of multiple choice questions (MCQs) and subjective question. With more than ever important, the series of CBSE TERM II Sample Question Papers provides the complete and effective practice for the New Pattern of CBSE Exams. This series contains 10 Sample Questions designed as per guidelines issued on 14th Jan 2022. All the questions given in each paper, are strictly in line with pattern, type & nature of the question as given in Arihant's Sample Paper. With the theme of 'keep Practicing and Keep Scoring', the book "CBSE TERM II Sample Paper - Informatics Practices" class 12th, consists of: 1. 10 Sample Question Papers as per latest CBSE TERM II Sample Paper 2. One Day Revision Notes to revise all the concepts in a day before the exam 3. The Qualifier - Chapterwise to Check Preparation Level of each chapter 4. CBSE Question Bank and Latest CBSE Term II Sample Paper with detailed explanation TOC One Day Revision, The Qualifiers, CBSE Question Bank, Latest CBSE Term II Sample Paper, Sample Paper [1-10]**

GGSIPIU BBA EXAM GUIDE 2022

Arihant Publications India limited **1. The book is a complete study guide for the preparation of GGSIPU BBA 2. The book is divided into 5 main sections 3. 2 sections tests are accompanied after every section 4. Theories given in every chapter is well explained in detail 5. Model Solved Papers, Practice Papers and Solved Papers for complete practice The Perfect Study Resource for the GGSIPU BBA Common Entrance Exam 2021 is a well organized book that comprehensively covers all topics as per the pattern of**

GGSIU-CET BBA. It is divided into five sections giving complete coverage to the syllabus. At the end of every section there are 2 section tests for the quick revision of the concepts. The Book also contains Model Papers, Practice Papers and Solved Papers giving the complete practice of the chapters. Comprehensive and approachable, it is a perfect book to guide you for your upcoming exam. TOC Model Solved Paper 2020-2018, Solved Paper 2017 & 2016, English Language and Comprehension, General Awareness, Logical & Analytical Ability, Business Aptitude & Management, Practice Sets (1-3).

ADVANCED COMPUTER ARCHITECTURE

S. Chand Publishing This book covers the syllabus of GGSIPU, DU, UPTU, PTU, MDU, Pune University and many other universities. □ It is useful for B.Tech(CSE/IT), M.Tech(CSE), MCA(SE) students. □ Many solved problems have been added to make this book more fresh. □ It has been divided in three parts :Parallel Algorithms, Parallel Programming and Super Computers.

CHAPTERWISE TOPICWISE SOLVED PAPERS PHYSICS FOR ENGINEERING ENTRANCES 2020

Arihant Publications India limited For cracking any competitive exam one need to have clear guidance, right kind of study material and thorough practice. When the preparation is done for the exams like JEE Main and NEET one need to have clear concept about each and every topic and understanding of the examination pattern are most important things which can be done by using the good collection of Previous Years' Solved Papers. Chapterwise Topicwise Solved Papers PHYSICS for Engineering Entrances is a master collection of exams questions to practice for JEE Main & Advanced 2020, which have been consciously revised as per the latest pattern of exam. It carries 15 Years of Solved Papers [2019-2005] in both Chapterwise and topicwise manner by giving the full coverage to syllabus. This book is divided into parts based on Class XI and XII NCERT syllabus covering each topic. This book gives the complete coverage of Questions asked in JEE Main &Advanced, AIEEE, IIT JEE & BITSAT, UPSEE, MANIPAL, EAMCET, WB JEE, etc., Thorough practice done from this book will the candidates to move a step towards their success. **TABLE OF CONTENT** Part I Based on Class XI NCERT - Units and Measurements, Motion in a Straight Line, Motion in a Plane I (Vectors), Motion in a Plane (Two and Three Dimensions), Laws of Motion, Work, Energy and Power, Systems of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids, Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves, Part II Based on Class XII NCERT - Electrostatics I, Electrostatics II (Capacitance), Current Electricity, Current and Electricity II, Moving Charges and Magnetism, Magnetism and Matter, Electromagnetic Induction, Alternating

Current, Electromagnetic Waves, Ray Optics, Wave Optics, Dual Nature of Radiation & Matter, Atoms and Nuclei, Semiconductor Devices, Communication System, Questions Asked in JEE Main 2015, Solved Papers 2016 (JEE Main, BITSAT, AP EAMCET, TS EAMCET, GGSIPU), Solved Papers 2017 (JEE Main & Advanced, BITSAT, VIT & WBJEE), Solved Papers 2018 (JEE Main & Advanced, BITSAT, WBJEE & KCET), Solved Papers 2019 (JEE Main & Advanced, BITSAT & WBJEE).

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MA ENGLISH (CET) EXAM GUIDE

Ramesh Publishing House The present book is specially published for the aspirants of 'MA - English' Common Entrance Test (CET) organised by the Guru Gobind Singh Indraprastha University, Delhi. Based on the current exam pattern, the book comprises a Solved Question Paper for aspirants to be familiar with the exam pattern and the type of questions asked, and their answers. The book contains ample amount of Study and Practice Material comprising numerous solved MCQs and Essay-type questions on the subject & topics important from the point of view of the exam. All the questions have been solved by respective subject-experts with due diligence. To an earnest reader the book will definitely prove very useful for study, self-practice, and during the precious moments before the exam for reference and revision. The book is highly recommended for the aspirants to Sharpen their Problem Solving Skills with intensive practice of actual exam-style questions and numerous practice questions provided in the book, and prepare themselves to face the exam with Confidence, Successfully. While the specialized study and practice material of this book Paves the Way for your Success, your own intelligent study and intensive practice with this will definitely ensure you a Well-deserved Entry into the Prestigious Institution leading you to a Successful Career.

GGSIPU (GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY) ENGINEERING ENTRANCE EXAM 2017

SOLVED PAPERS (2016-2004).

MASS COMMUNICATION IN INDIA, FIFTH EDITION

Jaico Publishing House Third Completely Revised and Updated Edition Mass Communication in India is a result of the author's in-depth study and understanding of the media. The book deals with a general introduction to Communication Theory, Advertising, Television, Effects of Media and Development. In short, the book is designed to give the student of Mass Communication a general and comprehensive view of the modern and traditional media in India. It meets the objective of being a text book as well as a book that gives an overview of mass communication in India.

GGSIU

B.COM (HONS.) COMMON ENTRANCE EXAM GUIDE

Ramesh Publishing House The present book is specially published for the aspirants of 'B.Com (Hons) Common Entrance Test organised by the Guru Gobind Singh Indraprastha University, Delhi. Based on the current exam pattern, the book comprises Specialized Study and Practice Material to make readers familiar with the exam pattern and the type of questions asked. Detailed Explanatory Answers have also been provided for Selected Questions for Better Understanding of readers. The book contains ample amount of Study and Practice Material comprising numerous solved MCQs on all the subjects & topics important from the point of view of the exam. All the Practice questions have been solved by respective subject-experts with due diligence. To an earnest reader the book will definitely prove very useful for study, self-practice, and during the precious moments before the exam for reference and revision. The book is highly recommended for the aspirants to sharpen their Problem Solving Skills with intensive practice of actual exam-style questions and numerous practice questions provided in the book, and prepare themselves to face the exam with Confidence, Successfully. While the specialized study and practice material of this book paves the Way for your Success, your own intelligent study and intensive practice with this will definitely ensure you a Well-deserved Entry into the Prestigious Institution leading you to a Successful Career.

DATABASE MANAGEMENT SYSTEM (DBMS) A PRACTICAL APPROACH

S. Chand Publishing Many books on Database Management Systems (DBMS) are available in the market, they are incomplete very formal and dry. My attempt is to make DBMS very simple so that a student feels as if the teacher is sitting behind him and guiding him. This text is bolstered with many examples and Case Studies. In this book, the experiments are also included which are to be performed in DBMS lab. Every effort has been made to alleviate the treatment of the book for easy flow of understanding of the students as well as the professors alike. This textbook of DBMS for all graduate and post-graduate programmes of Delhi University, GGSIPU, Rajiv Gandhi Technical University, UPTU, WBTU, BPUT, PTU and so on. The salient features of this book are: - 1. Multiple Choice Questions 2. Conceptual Short Questions 3. Important Points are highlighted / Bold faced. 4. Very lucid and simplified approach 5. Bolstered with numerous examples and CASE Studies 6. Experiments based on SQL incorporated. 7. DBMS Projects added Question Papers of various universities are also included.

GGSIU

B.ED. ENTRANCE EXAM GUIDE

This comprehensive book is useful for DSSSB: Teachers (PGT)-History Recruitment Exam. This book includes Study Material & Previous Paper (Solved) for the purpose of practice of questions based on the latest pattern of the examination. Detailed Explanatory Answers have also been provided for the selected questions for Better Understanding of the Candidates.

THE LIMITATION ACT

Universal Law Publishing

PARLIAMENTARY DEBATES (HANSARD).

HOUSE OF REPRESENTATIVES

STUDY GUIDE BCA 2021

Arihant Publications India limited

GUIDE FOR BBA/BBS/BBM 2021

Arihant Publications India limited • This book is an ultimate guide for BBA/ BBS/ BBM entrances • The entire syllabus of has been divided into 6 main section and further into chapter • 2 Section Tests is carried after every section • More than 3000 MCQs have been provided for quick revision of concept • 5 Previous Years' Solved Question Papers [2019- 2015] for complete practice • 3 Cracked Sets are given for self evaluation • Answer to Section Tests and Crack Sets provided at the end of the book BBA/BBM/BMS are 3 years full time Under-Graduated Management programmes that instill the basics of running business operation in a student. Various management Universities/ institutions like AIMA-UGAT, Delhi University, Symbiosis Pune, GGSIPU, Jamia Millia, etc., conduct entrances exams for the above cited bachelor courses "The Ultimate Guide for the BBA/BMS/BBM Entrance Examination 2021" provides a structured and comprehensive approach towards learning the concepts. The book covers the entire syllabus under 6 sections and also provides ample number of questions in the form of Section tests, MCQs and Solved papers with well-detailed answers to analyze the paper pattern. In order to get self-evaluated, 3 Crack Sets are provided for additional practice. TABLE OF CONTENT Solved Paper 2020 & 2019 , Numerical Ability, Reasoning and Logical Deduction, Corporate GK (With Question Bank), General Awareness, English Language & Comprehension, Group Discussion & Personal Interview, Crack Sets (1-3), Answer to Section Tests and Crack Sets.

GGSIPU

BBA COMMON ENTRANCE TEST (CET) GUIDE

Ramesh Publishing House **The present book is specially published for the aspirants of 'Bachelor of Business Administration (BBA)' Common Entrance Test (CET) organised by the Guru Gobind Singh Indraprastha University, Delhi. Based on the current exam pattern, the book comprises Solved Previous Years' Papers for aspirants to make them familiar with the exam pattern and the type of questions asked, and their answers. Detailed Explanation have also been provided for Selected Questions. The book contains ample amount of Study and Practice Material comprising numerous solved MCQs on all the subjects & topics important from the point of view of the exam. All the Practice questions have been solved by respective subject-experts with due diligence. To an earnest reader the book will definitely prove very useful for study, self-practice, and during the precious moments before the exam for reference and revision. The book is highly recommended for the aspirants to Sharpen their Problem Solving Skills with intensive practice of actual exam-style questions and numerous practice questions provided in the book, and prepare themselves to face the exam with Confidence, Successfully. While the specialized study and practice material of this book Paves the Way for your Success, your own intelligent study and intensive practice with this will definitely ensure you a Well-deserved Entry into the Prestigious Institution leading you to a Successful Career.**

OPERATING SYSTEM (A PRACTICAL APP)

S. Chand Publishing **For the Students of B.E. / B.Tech., M.E. / M.Tech. & BCA / MCA It is indeed a matter of great encouragement to write the Third Edition of this book on 'Operating Systems - A Practical Approach' which covers the syllabi of B.Tech./B.E. (CSE/IT), M.Tech./M.E. (CSE/IT), BCA/MCA of many universities of India like Delhi University, GGSIPU Delhi, UPTU Lucknow, WBUT, RGPV, MDU, etc.**

CHAPTERWISE TOPICWISE SOLVED PAPERS MATHEMATICS FOR ENGINEERING ENTRANCES 2020

Arihant Publications India limited **For cracking any competitive exam one need to have clear guidance, right kind of study material and thorough practice. When the preparation is done for the exams like JEE Main and NEET one need to have clear concept about each and every topic and understanding of the examination pattern are most important things which can be done by using the good collection of Previous Years' Solved Papers. Chapterwise Topicwise Solved Papers MATHEMATICS for Engineering Entrances is a master collection of exams questions to practice for JEE Main & Advanced 2020, which have been consciously revised as per the latest pattern of exam. It carries 15 Years of Solved Papers [2019-2005] in both Chapterwise and topicwise manner by giving the full coverage to syllabus. This book is**

divided into parts based on Class XI and XII NCERT syllabus covering each topic. This book gives the complete coverage of Questions asked in JEE Main & Advanced, AIEEE, IIT JEE & BITSAT, UPSEE, MANIPAL, EAMCET, WB JEE, etc., Thorough practice done from this book will the candidates to move a step towards their success. TABLE OF CONTENT Sets, Relations and Functions, Complex Numbers, Equations and Inequalities, Sequences and Series, Permutations and Combinations, Binomial Theorem and Mathematical Induction, Matrices and Determinants, Trigonometric Identities and Equations, Inverse Trigonometric Functions, Properties of Triangle, Heights and Distances, Rectangular Cartesian Coordinates, Straight Line and Pair of Straight Lines, Circle and System of Circles, Conic Section, Limits, Continuity and Differentiability, Differentiation, Applications of Derivatives, Indefinite Integrals, Definite Integrals, Applications of Integrals, Differential Equations, Vector Algebra, Three Dimensional Geometry, Statistics, Probability, Mathematical Logic and Boolean Algebra, Linear Programming, Statics and Dynamics, Miscellaneous, Questions Asked in JEE Main 2015, Solved Papers 2016 (JEE Main, BITSAT, AP EAMCET, TS EAMCET, GGSIPU), Solved Papers 2017 (JEE Main & Advanced, BITSAT, VIT & WBJEE), Solved Papers 2018 (JEE Main & Advanced, BITSAT & WBJEE), Solved Papers 2019 (JEE Main & Advanced, BITSAT & WBJEE).

ARTIFICIAL INTELLIGENCE

S. Chand Publishing For the students of B.E./B.Tech Computer Science Engineering and Information Technology (CSE/IT)

SMART TRENDS IN INFORMATION TECHNOLOGY AND COMPUTER COMMUNICATIONS

FIRST INTERNATIONAL CONFERENCE, SMARTCOM 2016, JAIPUR, INDIA, AUGUST 6-7, 2016, REVISED SELECTED PAPERS

Springer This book constitutes the refereed proceedings of the First International Conference on Smart Trends in Information Technology and Computer Communications, SmartCom 2016, held in Jaipur, India, in August 2016. The 106 revised papers presented were carefully reviewed and selected from 469 submissions. The papers address issues on smart and secure systems; technologies for digital world; data centric approaches; applications for e-agriculture and e-health; products and IT innovations; research for knowledge computing.

REVOLUTIONIZING BUSINESS PRACTICES THROUGH ARTIFICIAL INTELLIGENCE AND DATA-RICH ENVIRONMENTS

IGI Global Throughout the world, artificial intelligence is reshaping businesses, trade interfaces, economic activities, and society as a whole. In recent years, scholarly research on artificial intelligence has emerged from

a variety of empirical and applied domains of knowledge. Computer scientists have developed advanced deep learning algorithms to leverage its utility in a variety of fields such as medicine, energy, travel, education, banking, and business management. Although a growing body of literature is shedding light on artificial intelligence-enabled difficulties, there is still much to be gained by applying fresh theory-driven techniques to this vital topic. **Revolutionizing Business Practices Through Artificial Intelligence and Data-Rich Environments** provides a comprehensive understanding of the business systems, platforms, procedures, and mechanisms that underpin different stakeholders' experiences with reality-enhancing technologies and their transformative application in management. The book also identifies areas in various business processes where artificial intelligence intervention would not only transform the business but would also make the business more sustainable. Covering key topics such as blockchain, business automation, and manufacturing, this reference work is ideal for computer scientists, business owners, managers, industry professionals, researchers, academicians, scholars, practitioners, instructors, and students.

INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATIONS

PROCEEDINGS OF ICICC 2018, VOLUME 2

Springer The book includes high-quality research papers presented at the International Conference on Innovative Computing and Communication (ICICC 2018), which was held at the Guru Nanak Institute of Management (GNIM), Delhi, India on 5-6 May 2018. Introducing the innovative works of scientists, professors, research scholars, students and industrial experts in the field of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the conversion of applied exploration into real-time applications.

OBJECTIVE GENERAL ENGLISH

CHAPTERWISE TOPICWISE SOLVED PAPERS CHEMISTRY FOR ENGINEERING ENTRANCES 2020

Arihant Publications India limited For cracking any competitive exam one need to have clear guidance, right kind of study material and thorough practice. When the preparation is done for the exams like JEE Main and NEET one need to have clear concept about each and every topic and understanding of the examination pattern are most important things which can be done by using the good collection of Previous Years' Solved Papers. Chapterwise Topicwise Solved Papers CHEMISTRY for Engineering Entrances is a master collection of exams questions to practice for JEE Main & Advanced 2020, which have been consciously revised as per the latest pattern of exam. It

carries 15 Years of Solved Papers [2019-2005] in both Chapterwise and topicwise manner by giving the full coverage to syllabus. Each topic is well explained in a lucid manner so that candidates can understand the concept easily and quickly. This book gives the complete coverage of Questions asked in JEE Main & Advanced, AIEEE, IIT JEE & BITSAT, UPSEE, MANIPAL, EAMCET, WB JEE, etc., Thorough practice done from this book will the candidates to move a step towards their success. **TABLE OF CONTENT PART I Based on Class XI NCERT - Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, s-Block Elements, p-Block Elements, Organic Chemistry : Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry, PART II Based on Class XII NCERT - The Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, Nuclear Chemistry, p-Block Elements, The d-and f-Block Elements, Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Nitrogen Containing Compounds, Biomolecules, Polymers, Chemistry in Everyday Life, Analytical Chemistry, General Principles and Processes of Isolation of Elements, Questions Asked in JEE Main 2015, Solved Papers 2016 (JEE Main, BITSAT, AP EAMCET, TS EAMCET, GGSIPU), Solved Papers 2017 (JEE Main & Advanced, BITSAT, VIT & WBJEE), Solved Papers 2018 (JEE Main & Advanced, BITSAT & WBJEE), Solved Papers 2019 (JEE Main & Advanced, BITSAT & WBJEE).**

SMART AND SUSTAINABLE INTELLIGENT SYSTEMS

John Wiley & Sons The world is experiencing an unprecedented period of change and growth through all the electronic and technological developments and everyone on the planet has been impacted. What was once 'science fiction', today it is a reality. This book explores the world of many of once unthinkable advancements by explaining current technologies in great detail. Each chapter focuses on a different aspect - Machine Vision, Pattern Analysis and Image Processing - Advanced Trends in Computational Intelligence and Data Analytics - Futuristic Communication Technologies - Disruptive Technologies for Future Sustainability. The chapters include the list of topics that spans all the areas of smart intelligent systems and computing such as: Data Mining with Soft Computing, Evolutionary Computing, Quantum Computing, Expert Systems, Next Generation Communication, Blockchain and Trust Management, Intelligent Biometrics, Multi-Valued Logical Systems, Cloud Computing and security etc. An extensive list of bibliographic references at the end of each chapter guides the reader to probe further into application area of interest to him/her.

INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATIONS

PROCEEDINGS OF ICICC 2019, VOLUME 1

[Springer Nature](#) This book includes high-quality research papers presented at the Second International Conference on Innovative Computing and Communication (ICICC 2019), which is held at the VŠB - Technical University of Ostrava, Czech Republic, on 21-22 March 2019. Introducing the innovative works of scientists, professors, research scholars, students, and industrial experts in the fields of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the conversion of applied exploration into real-time applications.

ROBOTIC TECHNOLOGIES IN BIOMEDICAL AND HEALTHCARE ENGINEERING

[CRC Press](#) New prospects for biomedical and healthcare engineering are being created by the rapid development of Robotic and Artificial Intelligence techniques. Innovative technologies such as Artificial Intelligence, Deep Learning, Robotics, and IoT are currently under huge influence in today's modern world. For instance, a micro-nano robot allows us to study the fundamental problems at a cellular scale owing to its precise positioning and manipulation ability; the medical robot paves a new way for the low-invasive and high-efficient clinical operation, and rehabilitation robotics is able to improve the rehabilitative efficacy of patients. This book aims at exhibiting the latest research achievements, findings, and ideas in the field of robotics in biomedical and healthcare engineering, primarily focusing on the walking assistive robot, telerobotic surgery, upper/lower limb rehabilitation, and radiosurgery. As a result, a wide range of robots are being developed to serve a variety of roles within the medical environment. Robots specializing in human treatment include surgical robots and rehabilitation robots. The field of assistive and therapeutic robotic devices is also expanding rapidly. These include robots that help patients rehabilitate from severe conditions like strokes, empathic robots that assist in the care of older or physically/mentally challenged individuals, and industrial robots that take on a variety of routine tasks, such as sterilizing rooms and delivering medical supplies and equipment, including medications. The objectives of the book are in terms of advancing the state-of-the-art of robotic techniques and addressing the challenging problems in biomedical and healthcare engineering. This book Lays a good foundation for the core concepts and principles of robotics in biomedical and healthcare engineering, walking the reader through the fundamental ideas with expert ease. Progresses on the topics in a step-by-step manner and reinforces theory with a full-fledged pedagogy designed to enhance students' understanding and offer them a practical insight into

the applications of it. Features chapters that introduce and cover novel ideas in healthcare engineering like Applications of Robots in Surgery, Microrobots and Nanorobots in Healthcare Practices, Intelligent Walker for Posture Monitoring, AI-Powered Robots in Biomedical and Hybrid Intelligent Systems for Medical Diagnosis, and so on. Deepak Gupta is an Assistant Professor at the Maharaja Agrasen Institute of Technology, GGSIPU, Delhi, India. Moolchand Sharma is an Assistant Professor at the Maharaja Agrasen Institute of Technology, GGSIPU, Delhi, India. Vikas Chaudhary is a Professor at the JIMS Engineering Management Technical Campus, GGSIPU, Greater Noida, India. Ashish Khanna currently works at the Maharaja Agrasen Institute of Technology, GGSIPU, Delhi, India.

PROCEEDINGS OF 3RD INTERNATIONAL CONFERENCE ON COMPUTING INFORMATICS AND NETWORKS

ICCIN 2020

[Springer Nature](#) This book is a collection of high-quality peer-reviewed research papers presented in the Third International Conference on Computing Informatics and Networks (ICCIN 2020) organized by the Department of Computer Science and Engineering (CSE), Bhagwan Parshuram Institute of Technology (BPIT), Delhi, India, during 29-30 July 2020. The book discusses a wide variety of industrial, engineering and scientific applications of the emerging techniques. Researchers from academic and industry present their original work and exchange ideas, information, techniques and applications in the field of artificial intelligence, expert systems, software engineering, networking, machine learning, natural language processing and high-performance computing.

A MODERN APPROACH TO LOGIC REASONING

ADDRESSING ENVIRONMENTAL CHALLENGES THROUGH SPATIAL PLANNING

[IGI Global](#) Urbanization is giving rise to environmental concerns including urban flooding, which generally occurs due to the construction of houses in the low-lying areas; loss of green cover leading to a disturbance in the ecological cycle; water scarcity due to growing needs; and deforestation leading to habitat fragmentation, wildlife corridors disturbance, forest fires, and climate change. In order to correct these issues, a consolidated balance between human, nature, and spatial aspects must be resolved and spatial solutions integrated on a common platform. Addressing Environmental Challenges Through Spatial Planning is devoted to addressing environmental concerns and technology innovations in domains such as pollution, water insecurity, and resources management. This text works to bridge the gap between engineering considerations and spatial aspects of planning. Covering topics such as sustainable housing, environmental restoration, and air emissions, this text is essential for

environmental engineers, planning researchers, faculty, environmental and civil administrators, architects, consultants, environmental activists, town and country planning organizations, and professionals in all industries who aspire to have an environmentally friendly atmosphere and to provide a sustainable way of dealing with the environment in their respective domains for process efficiency and cost optimization.

SPEECH AND LANGUAGE PROCESSING FOR HUMAN-MACHINE COMMUNICATIONS

PROCEEDINGS OF CSI 2015

Springer This volume comprises the select proceedings of the annual convention of the Computer Society of India. Divided into 10 topical volumes, the proceedings present papers on state-of-the-art research, surveys, and succinct reviews. The volumes cover diverse topics ranging from communications networks to big data analytics, and from system architecture to cyber security. This volume focuses on Speech and Language Processing for Human-Machine Communications. The contents of this book will be useful to researchers and students alike.

BA HONS. ENGLISH ENTRANCE EXAM GUIDE FOR JMI & GGSIPU

Ramesh Publishing House The present book is specially published for the aspirants of 'B.A. Honours (English) programme organised by Eminent Universities (Jamia Millia Islamia and Guru Gobind Singh Indraprastha University). Based on the current exam pattern, the book comprises Specialized Study and Practice Material to make readers familiar with the exam pattern and the type of questions asked. Detailed Explanatory Answers have also been provided for Descriptive Questions for Better Understanding of readers. The book contains ample amount of Study and Practice Material comprising numerous solved Questions on the subject & topics important from the point of view of the exam. All the Practice questions have been solved by the subject-expert with due diligence. To an earnest reader the book will definitely prove very useful for study, self-practice, and during the precious moments before the exam for reference and revision. The book is highly recommended for the aspirants to Sharpen their Problem Solving Skills with intensive practice of actual exam-style questions and numerous practice questions provided in the book, and prepare themselves to face the exam with Confidence, Successfully. While the specialized study and practice material of this book Paves the Way for your Success, your own intelligent study and intensive practice with this will definitely ensure you a Well-deserved Entry into the Prestigious Course leading you to a Successful Career.

APPLICATIONS OF DEEP LEARNING AND BIG IOT ON PERSONALIZED

HEALTHCARE SERVICES

IGI Global Healthcare is an industry that has seen great advancements in personalized services through big data analytics. Despite the application of smart devices in the medical field, the mass volume of data that is being generated makes it challenging to correctly diagnose patients. This has led to the implementation of precise algorithms that can manage large amounts of information and successfully use smart living in medical environments. Professionals worldwide need relevant research on how to successfully implement these smart technologies within their own personalized healthcare processes. **Applications of Deep Learning and Big IoT on Personalized Healthcare Services** is a pivotal reference source that provides a collection of innovative research on the analytical methods and applications of smart algorithms for the personalized treatment of patients. While highlighting topics including cognitive computing, natural language processing, and supply chain optimization, this book is ideally designed for network designers, analysts, technology specialists, medical professionals, developers, researchers, academicians, and post-graduate students seeking relevant information on smart developments within individualized healthcare. [Arihant Publications India limited](#)

ADVANCES IN DEEP LEARNING APPLICATIONS FOR SMART CITIES

IGI Global Within the past decade, technology has grown exponentially, and governments have promoted smart cities. Emerging smart cities have become both crucibles and showrooms for the practical application of the internet of things (IoT), cloud computing, and the integration of big data into everyday life. This complex concoction requires new thinking of the synergistic utilization of deep learning and blockchain methods and data-driven decision making with automation infrastructure, autonomous transportation, and more. **Advances in Deep Learning Applications for Smart Cities** provides a global perspective on current and future trends concerning the integration of deep learning and blockchain for smart cities. It provides valuable insights on the best practices and success factors for smart cities. Covering topics such as digital healthcare, object detection methods, and power consumption, this book is an excellent reference for researchers, scientists, libraries, industry experts, government organizations, students and educators of higher education, business professionals, communication and marketing agencies, entrepreneurs, and academicians.

RECENT ADVANCES IN MECHANICAL ENGINEERING

SELECT PROCEEDINGS OF RAME 2020

[Springer Nature](#) This book presents the select proceedings of the second International Conference on Recent Advances in Mechanical Engineering (RAME 2020). The topics covered include aerodynamics and fluid

mechanics, automation, automotive engineering, composites, ceramics and polymers processing, computational mechanics, failure and fracture mechanics, friction, tribology and surface engineering, heating and ventilation, air conditioning system, industrial engineering, IC engines, turbomachinery and alternative fuels, machinability and formability of materials, mechanisms and machines, metrology and computer-aided inspection, micro- and nano-mechanics, modelling, simulation and optimization, product design and development, rapid manufacturing technologies and prototyping, solid mechanics and structural mechanics, thermodynamics and heat transfer, traditional and non-traditional machining processes, vibration and acoustics. The book also discusses various energy-efficient renewable and non-renewable resources and technologies, strategies and technologies for sustainable development and energy & environmental interaction. The book is a valuable reference for beginners, researchers, and professionals interested in sustainable construction and allied fields.

BASICS OF EDUCATIONAL PSYCHOLOGY

Sankalp Publication : The book has been organized into sixteen chapters and gives the broad outline of the area where the teacher can use the knowledge of concept of educational psychology, behaviorism of psychology, behaviorism of psychology: history, types, assumptions and applications, structuralism of psychology, cognitive processes and stages with special reference to Piaget, thinking skill, personality: concept and factors responsible for personality development, role of heredity and environment in the development of personality, contribution of max Wertheimer & Kurt Koffka and assessment of personality, mental health: concept, factors affecting mental health, resilience-guide to face challenges and adversities, defense mechanism: concept and its escape and compromise techniques, emotional intelligence: concept, components, importance and factors affecting emotional intelligence, transfer of learning: concept and theories, creativity: concept, nature and ways to foster, interest. new thoughts in the field of educational psychology have been included keeping in view the needs of the students of B.Ed., M.Ed., M.A. (Education), and M.Phil. This 'examination-oriented' and 'student-oriented' book is primarily designed to meet examination needs of the students of B.Ed., M.Ed., M.A. (Education), M.Phil. and B.A. (Education). Its subject matter is authentic, has all-encompassing coverage and is deeply insightful.

CLOUD-BASED BIG DATA ANALYTICS IN VEHICULAR AD-HOC NETWORKS

IGI Global Vehicular traffic congestion and accidents remain universal issues in today's world. Due to the continued growth in the use of vehicles, optimizing traffic management operations is an immense challenge. To

reduce the number of traffic accidents, improve the performance of transportation systems, enhance road safety, and protect the environment, vehicular ad-hoc networks have been introduced. Current developments in wireless communication, computing paradigms, big data, and cloud computing enable the enhancement of these networks, equipped with wireless communication capabilities and high-performance processing tools. **Cloud-Based Big Data Analytics in Vehicular Ad-Hoc Networks** is a pivotal reference source that provides vital research on cloud and data analytic applications in intelligent transportation systems. While highlighting topics such as location routing, accident detection, and data warehousing, this publication addresses future challenges in vehicular ad-hoc networks and presents viable solutions. This book is ideally designed for researchers, computer scientists, engineers, automobile industry professionals, IT practitioners, academicians, and students seeking current research on cloud computing models in vehicular networks.

EXAMINING THE INTERSECTION OF CIRCULAR ECONOMY, FORESTRY, AND INTERNATIONAL TRADE

IGI Global Sustainable development has always been a contested concept and has been extensively debated over the last 30 years with new classifications arising since then. There was a previous push for the radical transformations of the market economy to downscale production and consumption that would increase human well-being and enhance ecological conditions. Because of this conflict, there was a need for a new model that challenges and could be the alternative for the linear economy; this new model is called the circular economy. A circular economy aimed at eliminating waste and the continual use of resources. It gained its ground in the era of disruptive technological advancement and a dynamic global value chain. By supporting resource-efficient industrial models, the circular economy preserves and improves natural capital, optimizes the value of resources, and abolishes negative environmental externalities such as pollution. **Examining the Intersection of Circular Economy, Forestry, and International Trade** explores the link between the circular economy and various aspects of the business and environment to understand the usage and viability of adapting the circular economy from a business perspective. The chapters highlight the transition to the circular economy, its implementation across society, its intersection with forestry and international trade, and the solutions and challenges of the circular economy. This book is aimed at researchers in the field of business management, economics, and environmental studies along with practitioners, stakeholders, researchers, academicians, and students looking for more information on the various fields impacting the circular economy as well as the implementation, usage, and viability of a widespread adoption of a circular economy.

CYBER SECURITY

PROCEEDINGS OF CSI 2015

Springer This book comprises select proceedings of the annual convention of the Computer Society of India. Divided into 10 topical volumes, the proceedings present papers on state-of-the-art research, surveys, and succinct reviews. The volume covers diverse topics ranging from information security to cryptography and from encryption to intrusion detection. This book focuses on Cyber Security. It aims at informing the readers about the technology in general and the internet in particular. The book uncovers the various nuances of information security, cyber security and its various dimensions. This book also covers latest security trends, ways to combat cyber threats including the detection and mitigation of security threats and risks. The contents of this book will prove useful to professionals and researchers alike.

RECENT ADVANCES IN METROLOGY

SELECT PROCEEDINGS OF ADMET 2021

Springer Nature This book presents the select proceedings of the 7th National Conference on Advances in Metrology (AdMet 2021) organized by Maharaja Surajmal Institute of Technology, New Delhi, India. The main theme of the conference was "Sensors and Advance Materials for Measurement and Quality Improvement". The book highlights and discusses the technological developments in the areas of sensor technology, measurement, advance material for industrial application, automation and quality control. This book is aimed for all the personnel engaged in conformity assessment, quality system management, calibration and testing in all sectors of industry. The book will be a valuable reference for metrologists, scientists, engineers, academicians and students from research institutes and industrial establishments to explore the future directions in the areas of sensors, advance materials, measurement and quality improvement.