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singh rakesh yadav ajay singh books ssc history geography polity economy science mcq ssc math reasoning english gk chapterwise papers the 2nd edition of the book general science for rrb junior engineer alp ntpc group d exams contains specific topics in science as per the notified syllabus questions asked in the various railway exams the book contains to the point theory followed by an exercise with solutions the book has been thoroughly updated and now covers 500 questions from the recent past papers of various rrb exams the book contains in all 2500 mcqs the ebook 600 general science mcqs for rrb ntpc je group d alp provides the general science questions that have appeared in the various railway exams ntpc je group d alp the book will provide you an idea of the scope of the questions that are asked in the various exams solutions to selected questions have been provided rrb je general science general awareness chapterwise solved previous papers cbt stage i exam 1st edition rrb je mechanical study guide rrb je practice sets rrb je civil arihant publication rrb je electronics books hindi kindle unlimited free rrb je math general science general awareness gk rrb je cbt 1 exam book rrb je gk rrb je previous year question papers rrb je reasoning general intelligence the thoroughly revised updated 2nd edition of the ebook 2100 mcqs with explanatory notes for general science has been divided into 6 chapters which have been further divided into 29 topics containing 2100 multiple choice questions for quick revision and practice the unique selling proposition of the book is the explanation to each and every question which provides additional info to the students on the subject of the questions and correct reasoning wherever required the questions have been selected on the basis of the various types of questions being asked in the various exams are students ready to take on environmental challenges identifies the types of education policy and practices that can help students build an environmentally sustainable future guide to rrb junior engineer stage ii civil allied engineering 3rd edition covers all the 5 sections including the technical ability section in detail the book covers the complete syllabus as prescribed in the latest notification the book is divided into 5 sections which are further divided into chapters which contains theory explaining the concepts involved followed by practice exercises the technical section is divided into 13 chapters the book provides the past 2015 2014 solved questions at the end of each section the book is also very useful for the section engineering exam guide to rrb junior engineer stage ii civil allied engineering 3rd edition covers all the 5 sections including the technical ability section in detail the book covers the complete syllabus as prescribed in the latest notification the book is divided into 5 sections which are further divided into chapters which contains theory explaining the concepts involved followed by practice exercises the technical section is divided into 17 chapters the book provides the past 2015 2014 solved questions at the end of each section the book is also very useful for the section engineering exam presently people are facing a condition called vuca volatility uncertainty complexity and ambiguity where this condition is described as a turbulent uncertain complicated unclear condition the world of work and industry is changing quickly driven by the development of technology information and communication advances in computer technology artificial intelligence robotics which is also called as the industrial revolution 4.0 eras are of significant influence on environment and people a time where humans must learn quickly and an era where the future is unpredictable where choices for various conditions are increasing and mindsets are changing the big challenge for educational institutions especially islamic educational institutions today is how to prepare young people on various aspects of cognitive mental and spiritual preparedness to

face the changing environment development in the real world is far more complex than what is learned in the classroom so it is necessary to educate and transform curriculum that is directed in accordance with the demands of present times the 6th international conference on emerging trends in technology for education in facing vuca volatility uncertainty complexity and ambiguity is designed not only to share research but also to offer recommendations to governments educational institutions and other stakeholders to improve the quality of education through technology based educational programs the conference was held by faculty of education uin syarif hidayatullah jakarta scholars researchers policy makers teachers and students from various countries participated and worked together to discuss how to improve the quality of education in the muslim community guided by uin jakarta the 6th icems of 2020 provided opportunities for various educational stakeholders especially in muslim communities around the world to share their creative and innovative works opinions and experiences in open academic forums the covid 19 pandemic has likely changed the mathematics health and environmental education research landscape in profound and long lasting ways as such more than ever there is a need to creatively and critically think about how we design research and for what purposes this necessitates a considered and robust discussion about educational research theory method and methodology to ensure that our research continues to impact practice in valuable ways this book maps out some of these key challenges and opportunities as we collectively enter a post covid 19 world in which method and methodology need to be appreciated as much as research findings topics explored here range from big picture issues in stem education research through perspectives on design based research to questions of analysis complexity the delphi method and ethical dilemmas this groundbreaking handbook offers a contemporary and thorough review of research relating directly to the preparation induction and career long professional learning of k 12 science teachers through critical and concise chapters this volume provides essential insights into science teacher education that range from their learning as individuals to the programs that cultivate their knowledge and practices each chapter is a current review of research that depicts the area and then points to empirically based conclusions or suggestions for science teacher educators or educational researchers issues associated with equity are embedded within each chapter drawing on the work of over one hundred contributors from across the globe this handbook has 35 chapters that cover established emergent diverse and pioneering areas of research including research methods and methodologies in science teacher education including discussions of the purpose of science teacher education research and equitable perspectives formal and informal teacher education programs that span from early childhood educators to the complexity of preparation to the role of informal settings such as museums continuous professional learning of science teachers that supports building cultural responsiveness and teacher leadership core topics in science teacher education that focus on teacher knowledge educative curricula and working with all students and emerging areas in science teacher education such as stem education global education and identity development this comprehensive in depth text will be central to the work of science teacher educators researchers in the field of science education and all those who work closely with science teachers recent developments in parallel computing mean that the use of machine learning techniques and intelligence to handle the huge volume of available data have brought the faster solutions offered by advanced technologies to various fields of application this book presents the proceedings of the virtual international conference on advances in parallel computing technologies and applications icapta 2021 hosted in justice basheer ahmed sayeed college for women formerly s i e t women s college chennai india and held online as a virtual event on 15 and 16 april 2021 the aim of the conference was to provide a forum for sharing knowledge in various aspects of parallel computing in communications systems and networking including cloud and virtualization solutions management technologies and vertical application areas it also provided a platform for scientists researchers practitioners and academicians to present and discuss the most recent innovations and trends as well as the concerns and practical challenges encountered in this field included here are 52 full length papers selected from over 100 submissions based on the reviews and comments of subject experts topics covered include parallel computing in communication machine learning intelligence for parallel computing and parallel computing for software services in theoretical and practical aspects providing an overview of the latest developments in the field the book will be of interest to all those whose work involves the use of parallel computing technologies decision support systems are developed for integrated pest and disease management and nutrition management using open source technologies as java android and low cost hardware devices like arduino micro controller this text discusses the techniques to convert agricultural knowledge in the context of ontology and assist grape growers by providing this knowledge through decision support system the key features of the book are as follows it presents the design and development of an ontology based decision

support system for integrated crop management it discusses the techniques to convert agricultural knowledge in text to ontology it focuses on an extensive study of various e negotiation protocols for automated negotiations it provides an architecture for predicting the opponent's behavior and various factors which affect the process of negotiation the text is primarily written for graduate students professionals and academic researchers working in the fields of computer science and engineering agricultural science and information technology dr gerrard e j poinern holds a ph d in physics from murdoch university western australia and a double major in physics and chemistry currently he is an associate professor in physics and nanotechnology in the school of engineering and information technology at murdoch university he is the director of murdoch applied innovation and nanotechnology research group murdoch university in 2003 he discovered and pioneered the use of an inorganic nanomembrane for potential skin tissue engineering applications he is the recipient of a gates foundation global health grand challenge exploration award for his work in the development of biosynthetic materials and their subsequent application in the manufacture of biomedical devices he is also the author of the 2014 experimental textbook a laboratory course in nanoscience and nanotechnology associate professor suraj k tripathy is associate dean of the school of chemical technology at kalinga institute of industrial technology bhubaneswar india he currently leads the chemical bioprocess engineering lab cbel at kiit which focuses on achieving sustainability in materials processing and utilization cbel explores opportunities in valorization of waste materials secondary resources and investigate their applications in catalysis water treatment and biomedical systems cbel also works closely with industries to develop suitable waste management and resource recycling strategies to optimize the potential of circular economy model dr derek fawcett is the defence science centre research fellow at murdoch university australia his research involves the investigation and development of new advanced materials and their use in innovative engineering systems he has published over seventy peer reviewed research papers in international journals general science the current edition of upsc civil services prelims solved papers g s general science 26 years topic wise solved papers 1995 2020 is prepared for a manner that will be very helpful for those aspirants who is preparing to upcoming exams the book is divided into 4 topics as physics chemistry biology science and technology along with detailed coverage of all questions answers errorless explanations asked in upsc prelims gs paper 1 general science part from 1995 to 2020 the book presents complete and most relevant study matter as per competitive exams the book is 100 per cent helpful for cracking g s paper of the prelims to get the opportunity for writing ias main exam this book will provide an idea of questions that have been asked in the previous years exams so aspirants can do better preparation for upcoming examinations presentation of language is simple and clear international journal of advanced remote sensing and gis ijarsg issn 2320 0243 is an open access peer reviewed scholarly journal publishes original research papers reviews case study case reports and methodology articles in all aspects of remote sensing and gis including associated fields this journal commits to working for quality and transparency in its publishing by following standard publication ethics and policies interrogates the rise of national philosophies and their impact on cosmopolitanism and nationalism this book provides an overview of secondary metabolites in three sections introduction secondary metabolites general reviews and biotechnological interventions and plant secondary metabolites it discusses the antimicrobial anticancer and antioxidant activities of secondary metabolites biotechnological interventions in the production and research of secondary metabolites and the secondary metabolites of plants the updated 6th edition of the bestselling book 73 ssc general awareness previous year topic wise solved papers 2010 2023 consists of original past solved papers conducted for the major ssc exams ssc cgl 10 2 chsl sub inspector and multi tasking of past 14 years from the year 2010 to 2023 the coverage of the papers has been kept recent 2010 to 2023 as they actually reflect the changed pattern of the ssc exams the book also includes ssc cgl tier ii 2022 23 question paper where general awareness featured for the first time in all there are 73 question papers covering 3300 mcqs from 2010 to 2023 which have been divided into 7 topics the solution of each and every question is provided in detail step by step so as to provide 100 concept clarity to the students practicing these questions aspirants will come to know about the pattern and toughness of the questions asked in the examination in the end this book will make the aspirants competent confident enough to crack the uncertainty of success in the entrance examination the strength of the book lies in the originality of its question papers and errorless solutions this book is a proficient guide to understanding artificial intelligence iot and the internet of medical things iomt in healthcare the book provides a comprehensive study on the applications of ai and iot in various medical domains the book shows how the implementation of innovative solutions in healthcare is beneficial and iot together with ai are strong drivers of the digital transformation regardless of what field the technologies are applied

in therefore this book provides a high level of understanding with the emerging technologies on the internet of things wearable devices and ai in iomt which offers the potential to acquire and process a tremendous amount of data from the physical world phenolic compounds are considered secondary metabolites within the physiology of a plant they have different functions such as pollination systems sun protection protection against pathogens and diseases etc research on these compounds has increased due to the number of molecules they can include and the different biological activities they demonstrate it is important to know the methods of extracting molecules the biosynthesis routes and their relationship with activities that can benefit from their consumption therefore the book includes chapters that provide information on extraction and optimization techniques biosynthetic pathways and the identification and characterization of mirnas involved in the regulation of their biosynthesis guide to rrb junior engineer stage ii electrical allied engineering 3rd edition covers all the 5 sections including the technical ability section in detail the book covers the complete syllabus as prescribed in the latest notification the book is divided into 5 sections which are further divided into chapters which contains theory explaining the concepts involved followed by practice exercises the technical section is divided into 11 chapters the book provides the past 2015 2014 solved questions at the end of each section the book is also very useful for the section engineering exam the congressional record is the official record of the proceedings and debates of the united states congress it is published daily when congress is in session the congressional record began publication in 1873 debates for sessions prior to 1873 are recorded in the debates and proceedings in the congress of the united states 1789 1824 the register of debates in congress 1824 1837 and the congressional globe 1833 1873 this book deals with the whole gamut of general knowledge and english that an aspirant requires to prepare for cds afa ina afdcat and any other graduate and above level exam held by upsc as it contains detailed notes on indian history geography and indian polity followed by mcqs that have appeared in various competitive exams it would prove to be very useful for other competitive exams as well besides notes on each topic it has over 7000 multiple choice questions mcqs on various subjects as per the syllabus this book on general knowledge english has been written after lot of research and contains mcqs that have appeared in previous 20 years question papers of cds the detailed notes on history geography and indian polity with mcqs and mcqs on indian economy indian culture environment general science and defence para military will prove to be very useful for all other competitive exams conducted by upsc in addition in the english chapter besides 20 solved question papers of english antonyms synonyms one word and idioms phrases that have appeared in various exams have also been included recent developments in parallel computing for various fields of application are providing improved solutions for handling data these newer innovative ideas offer the technical support necessary to enhance intellectual decisions while also dealing more efficiently with the huge volumes of data currently involved this book presents the proceedings of icapta 2022 the international conference on advances in parallel computing technologies and applications hosted as a virtual conference from bangalore india on 27 and 28 january 2022 the aim of the conference was to provide a forum for the sharing of knowledge about various aspects of parallel computing in communications systems and networking including cloud and virtualization solutions management technologies and vertical application areas the conference also provided a premier platform for scientists researchers practitioners and academicians to present and discuss their most recent innovations trends and concerns as well as the practical challenges encountered in this field more than 300 submissions were received for the conference from which the 91 full length papers presented here were accepted after review by a panel of subject experts topics covered include parallel computing in communication machine learning intelligence for parallel computing and parallel computing for software services in theoretical and practical aspects providing an overview of recent developments in the field the book will be of interest to all those whose work involves the use of parallel computing technologies topic wise solved paper ssc general awareness consists of past solved papers of ssc cgl 10 2 chsl sub inspector multi tasking and stenographer from 2010 to 2016 the coverage of the papers has been kept recent 2010 to 2016 as they actually reflect the changed pattern of the ssc exams thus the papers prior to 2010 have not been included in the book in all there are 35 question papers from 2010 to 2016 which have been provided topic wise along with detailed solutions practicing these questions aspirants will come to know about the pattern and toughness of the questions asked in the examination in the end this book will make the aspirants competent enough to crack the uncertainty of success in the entrance examination the strength of the book lies in the originality of its question papers and errorless solutions the solution of each and every question is provided in detail step by step so as to provide 100 concept clarity to the students this book offers insights into the educational dimensions of climate change and promotes measures to

improve education in this context it is widely believed that education can play a key role in finding global solutions to many problems related to climate change indeed education as a process not only helps young people to better understand and address the impact of global warming but also fosters better attitudes and behaviours to aid efforts towards mitigating climate change and adapting to a changing environment but despite the central importance of education in relation to climate change there is a paucity of publications on this theme against this background the book focuses on the educational aspects of climate change and showcases examples of research projects and other initiatives aimed at educating various audiences it also provides a platform for reflections on the role education can play in fostering awareness on a changing climate presenting a wide range of valuable lessons learned which can be adapted and replicated elsewhere the book appeals to educators and practitioners alike product description of ias e book this e book is a brief blueprint for cracking the ias prelims exam 2017 this e book provides an in depth strategy to tackle each and every aspect of the ias prelims exam from the most basic question on how to start the ias prelims preparation to strategies followed by ias toppers of the last few years the e book gives a step by step strategy for the candidates to help them do a systematic planning and preparation for the ias preliminary exam this e book saves both time and energy of ias aspirants as it provides the student with all know how of the ias prelims exam and acts as a one stop repository for all the information regarding the ias exam one of the key features of this e book is catering the questions like how to manage stress during ias exam and how to prepare a timetable for ias exam which book to read and which websites to follow for the ias exam this e book will enrich an ias aspirant s preparation in a wholesome manner it makes an attempt to guide the candidates on what is the right approach to tackle this highly unpredictable and competitive exam it covers everything that a candidate needs to know starting from the history and evolution of civil services in india to what to read and what not to read to tips from the ias toppers it gives a topic wise detailed explanation of the syllabus and the related questions that have been asked in the past five years in the exam the book analyse the latest trend in the ias prelims exam and decodes the live strategy of ias aspirants to crack the ias prelims exam it shows how the ias prelims exam has evolved over the years and how the focus is shifting more towards application based questions mostly influenced by current affairs it gives quick revision tips to the candidates along with tips on how to make notes the e book also provides guidance on how to sustain motivation throughout the long exam procedure main highlights civil services history and its evolution through the times topic wise detail explanation of syllabus of both papers topic wise questions from last five years with answers tips on websites to follow for ias exam tips to overcome stress during ias exam tips to sustain motivation booklist from ias toppers tips from ias toppers this volume examines the present status and future trends of textbook studies cutting edge essays by leading experts and emerging scholars explore the field s theories methodologies and topics with the goal of generating debate and providing new perspectives the georg eckert institute s unique transdisciplinary focus on international textbook research has shaped this handbook which explores the history of the discipline the production processes and contexts that influence textbooks the concepts they incorporate how this medium itself is received and future trends the book maps and discusses approaches based in cultural studies as well as in the social and educational sciences in addition to contemporary methodologies used in the field the book aims to become the central interdisciplinary reference for textbook researchers students and educational practitioners the optimization of traffic management operations has become a considerable challenge in today s global scope due to the significant increase in the number of vehicles traffic congestions and automobile accidents fortunately there has been substantial progress in the application of intelligent computing devices to transportation processes vehicular ad hoc networks vanets are a specific practice that merges the connectivity of wireless technologies with smart vehicles despite its relevance empirical research is lacking on the developments being made in vanets and how certain intelligent technologies are being applied within transportation systems iot and cloud computing advancements in vehicular ad hoc networks provides emerging research exploring the theoretical and practical aspects of intelligent transportation systems and analyzing the modern techniques that are being applied to smart vehicles through cloud technology featuring coverage on a broad range of topics such as health monitoring node localization and fault tolerance this book is ideally designed for network designers developers analysts it specialists computing professionals researchers academics and post graduate students seeking current research on emerging computing concepts and developments in vehicular ad hoc networks usage mining is defined as the application of data mining technologies to online usage patterns as a way to better understand and serve the needs of web based applications because the internet has become a central component in information sharing and commerce having the ability to analyze

user behavior on the web has become a critical component to a variety of industries usage mining techniques and applications across industries addresses the systems and methodologies that enable organizations to predict web user behavior as a way to support website design and personalization of web based services and commerce featuring perspectives from a variety of sectors this publication is designed for use by it specialists business professionals researchers and graduate level students interested in learning more about the latest concepts related to web based information retrieval and mining

GENERAL SCIENCE SOLVED PAPERS

2019-01-25

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DP's SSC Subjectwise GK Series: GENERAL SCIENCE [Previous Year Questions]

2019-04-01

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General Science for RRB Junior Engineer, NTPC, ALP & Group D Exams - 2nd Edition

2019-04-01

the 2nd edition of the book general science for rrb junior engineer alp ntpc group d exams contains specific topics in science as per the notified syllabus questions asked in the variouis railway exams the book contains to the point theory followed by an exercise with solutions the book has been thoroughly updated and now covers 500 questions from the recent past papers of various rrb exams the book contains in all 2500 mcqs

600+ General Science MCQs for RRB NTPC/ JE/ Group D/ ALP

2019-11-14

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RRB JE General Science & General Awareness Chapterwise Solved Previous Papers: CBT Stage I Exam 1nd Edition

2022-12-08

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2019-12-04

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2019-03-02

are students ready to take on environmental challenges identifies the types of education policy and practices that can help students build an environmentally sustainable future

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2019-03-02

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2021-12-27

guide to rrb junior engineer stage ii civil allied engineering 3rd edition covers all the 5 sections including the technical ability section in detail the book covers the complete syllabus as prescribed in the latest notification the book is divided into 5 sections which are further divided into chapters which contains theory explaining the concepts involved followed by practice exercises the technical section is divided into 17 chapters the book provides the past 2015 2014 solved questions at the end of each section the book is also very useful for the section engineering exam

Guide to RRB Junior Engineer Stage II Mechanical & Allied Engineering 3rd Edition

2021-08-27

presently people are facing a condition called vuca volatility uncertainty complexity and ambiguity where this condition is described as a turbulent uncertain complicated unclear condition the world of work and industry is changing quickly driven by the development of technology information and communication advances in computer technology artificial intelligence robotics which is also called as the industrial revolution 4.0 eras are of significant influence on environment and people a time where humans must learn quickly and an era where the future is unpredictable where choices for various conditions are increasing and mindsets are changing the big challenge for educational institutions especially islamic educational institutions today is how to prepare young people on various aspects of cognitive mental and spiritual preparedness to face the changing environment development in the real world is far more complex than what is learned in the classroom so it is necessary to educate and transform curriculum that is directed in accordance with the demands of present times the 6th international conference on emerging trends in technology for education in facing vuca volatility uncertainty complexity and ambiguity is designed not only to share research but also to offer recommendations to governments educational institutions and other stakeholders to improve the quality of education through technology based educational programs the conference was held by faculty of education uin syarif hidayatullah jakarta scholars researchers policy makers teachers and students from various countries participated and worked together to discuss how to improve the quality of education in the muslim community guided by uin jakarta the 6th icems of 2020 provided opportunities for various educational stakeholders especially in muslim communities around the world to share their creative and innovative works opinions and experiences in open academic forums

Guide to RRB Junior Engineer Stage II Civil & Allied Engineering 3rd Edition

2022-04-26

the covid 19 pandemic has likely changed the mathematics health and environmental education research landscape in profound and long lasting ways as such more than ever there is a need to creatively and critically think about how we design research and for what purposes this necessitates a considered and robust discussion about educational research theory method and methodology to ensure that our research continues to impact practice in valuable ways this book maps out some of these key challenges and opportunities as we collectively enter a post covid 19 world in which method and methodology need to be appreciated as much as research findings topics explored here range from big picture issues in stem education research through perspectives on design based research to questions of analysis complexity the delphi method and ethical dilemmas

Emerging Trends in Technology for Education in an Uncertain World

2021-11-25

this groundbreaking handbook offers a contemporary and thorough review of research relating directly to the preparation induction and career long professional learning of k-12 science teachers through critical and concise chapters this volume provides essential insights into science teacher education that range from their learning as individuals to the programs that cultivate their knowledge and practices each chapter is a current review of research that depicts the area and then points to empirically based conclusions or suggestions for science teacher educators or educational researchers issues associated with equity are embedded within each chapter drawing on the work of

over one hundred contributors from across the globe this handbook has 35 chapters that cover established emergent diverse and pioneering areas of research including research methods and methodologies in science teacher education including discussions of the purpose of science teacher education research and equitable perspectives formal and informal teacher education programs that span from early childhood educators to the complexity of preparation to the role of informal settings such as museums continuous professional learning of science teachers that supports building cultural responsiveness and teacher leadership core topics in science teacher education that focus on teacher knowledge educative curricula and working with all students and emerging areas in science teacher education such as stem education global education and identity development this comprehensive in depth text will be central to the work of science teacher educators researchers in the field of science education and all those who work closely with science teachers

Methodological Approaches to STEM Education Research Volume 2

2023-07-20

recent developments in parallel computing mean that the use of machine learning techniques and intelligence to handle the huge volume of available data have brought the faster solutions offered by advanced technologies to various fields of application this book presents the proceedings of the virtual international conference on advances in parallel computing technologies and applications icapta 2021 hosted in justice basheer ahmed sayeed college for women formerly s i e t women s college chennai india and held online as a virtual event on 15 and 16 april 2021 the aim of the conference was to provide a forum for sharing knowledge in various aspects of parallel computing in communications systems and networking including cloud and virtualization solutions management technologies and vertical application areas it also provided a platform for scientists researchers practitioners and academicians to present and discuss the most recent innovations and trends as well as the concerns and practical challenges encountered in this field included here are 52 full length papers selected from over 100 submissions based on the reviews and comments of subject experts topics covered include parallel computing in communication machine learning intelligence for parallel computing and parallel computing for software services in theoretical and practical aspects providing an overview of the latest developments in the field the book will be of interest to all those whose work involves the use of parallel computing technologies

Handbook of Research on Science Teacher Education

2020-11-20

decision support systems are developed for integrated pest and disease management and nutrition management using open source technologies as java android and low cost hardware devices like arduino micro controller this text discusses the techniques to convert agricultural knowledge in the context of ontology and assist grape growers by providing this knowledge through decision support system the key features of the book are as follows it presents the design and development of an ontology based decision support system for integrated crop management it discusses the techniques to convert agricultural knowledge in text to ontology it focuses on an extensive study of various e negotiation protocols for automated negotiations it provides an architecture for predicting the opponent s behavior and various factors which affect the process of negotiation the text is primarily written for graduate students professionals and academic researchers working in the fields of computer science and engineering agricultural science and information technology dr gerrard e j poinern holds a ph d in physics from murdoch university western australia and a double major in physics and chemistry currently he is is an associate professor in physics and nanotechnology in the school of engineering and information technology at murdoch university he is the director of murdoch applied innovation and nanotechnology research group murdoch university in 2003 he discovered and pioneered the use of an inorganic nanomembrane for potential skin tissue engineering applications he is the recipient of a gates foundation global health grand challenge

exploration award for his work in the development of biosynthetic materials and their subsequent application in the manufacture of biomedical devices he is also the author of the 2014 experimental textbook a laboratory course in nanoscience and nanotechnology associate professor suraj k tripathy is associate dean of the school of chemical technology at kalinga institute of industrial technology bhubaneswar india he currently leads the chemical bioprocess engineering lab cbel at kiit which focuses on achieving sustainability in materials processing and utilization cbel explores opportunities in valorization of waste materials secondary resources and investigate their applications in catalysis water treatment and biomedical systems cbel also works closely with industries to develop suitable waste management and resource recycling strategies to optimize the potential of circular economy model dr derek fawcett is the defence science centre research fellow at murdoch university australia his research involves the investigation and development of new advanced materials and their use in innovative engineering systems he has published over seventy peer reviewed research papers in international journals

Advances in Parallel Computing Technologies and Applications

2012-01-01

general science the current edition of upsc civil services prelims solved papers g s general science 26 years topic wise solved papers 1995 2020 is prepared for a manner that will be very helpful for those aspirants who is preparing to upcoming exams the book is divided into 4 topics as physics chemistry biology science and technology along with detailed coverage of all questions answers errorless explanations asked in upsc prelims gs paper 1 general science part from 1995 to 2020 the book presents complete and most relevant study matter as per competitive exams the book is 100 per cent helpful for cracking g s paper of the prelims to get the opportunity for writing ias main exam this book will provide an idea of questions that have been asked in the previous years exams so aspirants can do better preparation for upcoming examinations presentation of language is simple and clear

Harnessing Synthetic Nanotechnology-Based Methodologies for Sustainable Green Applications

2018-06-21

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UPSC CIVIL SERVICES PRELIMS SOLVED PAPERS G.S. GENERAL SCIENCE 26 YEAR TOPIC WISE SOLVED PAPERS 1995-2020 (Competitive Exam Book)

2022-08-17

interrogates the rise of national philosophies and their impact on cosmopolitanism and nationalism

International Journal of Advanced Remote Sensing and GIS

2009

this book provides an overview of secondary metabolites in three sections introduction secondary metabolites general reviews and biotechnological interventions and plant secondary metabolites it discusses the antimicrobial anticancer and antioxidant activities of secondary metabolites biotechnological interventions in the production and research of secondary metabolites and the secondary metabolites of plants

Scottish Education

2022-01-06

the updated 6th edition of the bestselling book 73 ssc general awareness previous year topic wise solved papers 2010 2023 consists of original past solved papers conducted for the major ssc exams ssc cgl 10 2 chsl sub inspector and multi tasking of past 14 years from the year 2010 to 2023 the coverage of the papers has been kept recent 2010 to 2023 as they actually reflect the changed pattern of the ssc exams the book also includes ssc cgl tier ii 2022 23 question paper where general awareness featured for the first time in all there are 73 question papers covering 3300 mcqs from 2010 to 2023 which have been divided into 7 topics the solution of each and every question is provided in detail step by step so as to provide 100 concept clarity to the students practicing these questions aspirants will come to know about the pattern and toughness of the questions asked in the examination in the end this book will make the aspirants competent confident enough to crack the uncertainty of success in the entrance examination the strength of the book lies in the originality of its question papers and errorless solutions

Secondary Metabolites

2019-09-04

this book is a proficient guide to understanding artificial intelligence iot and the internet of medical things iomt in healthcare the book provides a comprehensive study on the applications of ai and iot in various medical domains the book shows how the implementation of innovative solutions in healthcare is beneficial and iot together with ai are strong drivers of the digital transformation regardless of what field the technologies are applied in therefore this book provides a high level of understanding with the emerging technologies on the internet of things wearable devices and ai in iomt which offers the potential to acquire and process a tremendous amount of data from the physical world

73 Topic-wise SSC General Awareness Previous Year Solved Papers (2010 - 2023) - CGL (Tier I & II), CHSL (Tier I & II), MTS, CPO & Stenographer 6th Edition | 3300+ General Knowledge PYQs

2019-01-30

phenolic compounds are considered secondary metabolites within the physiology of a plant they have different functions such as pollination systems sun protection protection against pathogens and diseases etc research on these compounds has increased due to the number of

molecules they can include and the different biological activities they demonstrate it is important to know the methods of extracting molecules the biosynthesis routes and their relationship with activities that can benefit from their consumption therefore the book includes chapters that provide information on extraction and optimization techniques biosynthetic pathways and the identification and characterization of mirnas involved in the regulation of their biosynthesis

Historical Tables, Budget of the United States Government

2009

guide to rrb junior engineer stage ii electrical allied engineering 3rd edition covers all the 5 sections including the technical ability section in detail the book covers the complete syllabus as prescribed in the latest notification the book is divided into 5 sections which are further divided into chapters which contains theory explaining the concepts involved followed by practice exercises the technical section is divided into 11 chapters the book provides the past 2015 2014 solved questions at the end of each section the book is also very useful for the section engineering exam

Evolving Role of AI and IoMT in the Healthcare Market

2023-09-22

the congressional record is the official record of the proceedings and debates of the united states congress it is published daily when congress is in session the congressional record began publication in 1873 debates for sessions prior to 1873 are recorded in the debates and proceedings in the congress of the united states 1789 1824 the register of debates in congress 1824 1837 and the congressional globe 1833 1873

Plant Physiological Aspects of Phenolic Compounds

2022-11-23

this book deals with the whole gamut of general knowledge and english that an aspirant requires to prepare for cds afa ina afcat and any other graduate and above level exam held by upsc as it contains detailed notes on indian history geography and indian polity followed by mcqs that have appeared in various competitive exams it would prove to be very useful for other competitive exams as well besides notes on each topic it has over 7000 multiple choice questions mcqs on various subjects as per the syllabus this book on general knowledge english has been written after lot of research and contains mcqs that have appeared in previous 20 years question papers of cds the detailed notes on history geography and indian polity with mcqs and mcqs on indian economy indian culture environment general science and defence para military will prove to be very useful for all other competitive exams conducted by upsc in addition in the english chapter besides 20 solved question papers of english antonyms synonyms one word and idioms phrases that have appeared in various exams have also been included

Guide to RRB Junior Engineer Stage II Electrical & Allied Engineering 3rd Edition

2015-03-31

recent developments in parallel computing for various fields of application are providing improved solutions for handling data these newer

innovative ideas offer the technical support necessary to enhance intellectual decisions while also dealing more efficiently with the huge volumes of data currently involved this book presents the proceedings of icapta 2022 the international conference on advances in parallel computing technologies and applications hosted as a virtual conference from bangalore india on 27 and 28 january 2022 the aim of the conference was to provide a forum for the sharing of knowledge about various aspects of parallel computing in communications systems and networking including cloud and virtualization solutions management technologies and vertical application areas the conference also provided a premier platform for scientists researchers practitioners and academicians to present and discuss their most recent innovations trends and concerns as well as the practical challenges encountered in this field more than 300 submissions were received for the conference from which the 91 full length papers presented here were accepted after review by a panel of subject experts topics covered include parallel computing in communication machine learning intelligence for parallel computing and parallel computing for software services in theoretical and practical aspects providing an overview of recent developments in the field the book will be of interest to all those whose work involves the use of parallel computing technologies

Congressional Record

2016-12-12

topic wise solved paper ssc general awareness consists of past solved papers of ssc cgl 10 2 chsl sub inspector multi tasking and stenographer from 2010 to 2016 the coverage of the papers has been kept recent 2010 to 2016 as they actually reflect the changed pattern of the ssc exams thus the papers prior to 2010 have not been included in the book in all there are 35 question papers from 2010 to 2016 which have been provided topic wise along with detailed solutions practicing these questions aspirants will come to know about the pattern and toughness of the questions asked in the examination in the end this book will make the aspirants competent enough to crack the uncertainty of success in the entrance examination the strength of the book lies in the originality of its question papers and errorless solutions the solution of each and every question is provided in detail step by step so as to provide 100 concept clarity to the students

CDS - General Knowledge and English

2019-08-04

this book offers insights into the educational dimensions of climate change and promotes measures to improve education in this context it is widely believed that education can play a key role in finding global solutions to many problems related to climate change indeed education as a process not only helps young people to better understand and address the impact of global warming but also fosters better attitudes and behaviours to aid efforts towards mitigating climate change and adapting to a changing environment but despite the central importance of education in relation to climate change there is a paucity of publications on this theme against this background the book focuses on the educational aspects of climate change and showcases examples of research projects and other initiatives aimed at educating various audiences it also provides a platform for reflections on the role education can play in fostering awareness on a changing climate presenting a wide range of valuable lessons learned which can be adapted and replicated elsewhere the book appeals to educators and practitioners alike

Advances in Parallel Computing Algorithms, Tools and Paradigms

2019-09-01

product description of ias e book this e book is a brief blueprint for cracking the ias prelims exam 2017 this e book provides an in depth strategy to tackle each and every aspect of the ias prelims exam from the most basic question on how to start the ias prelims preparation to strategies followed by ias toppers of the last few years the e book gives a step by step strategy for the candidates to help them do a systematic planning and preparation for the ias preliminary exam this e book saves both time and energy of ias aspirants as it provides the student with all know how of the ias prelims exam and acts as a one stop repository for all the information regarding the ias exam one of the key features of this e book is catering the questions like how to manage stress during ias exam and how to prepare a timetable for ias exam which book to read and which websites to follow for the ias exam this e book will enrich an ias aspirant s preparation in a wholesome manner it makes an attempt to guide the candidates on what is the right approach to tackle this highly unpredictable and competitive exam it covers everything that a candidate needs to know starting from the history and evolution of civil services in india to what to read and what not to read to tips from the ias toppers it gives a topic wise detailed explanation of the syllabus and the related questions that have been asked in the past five years in the exam the book analyse the latest trend in the ias prelims exam and decodes the live strategy of ias aspirants to crack the ias prelims exam it shows how the ias prelims exam has evolved over the years and how the focus is shifting more towards application based questions mostly influenced by current affairs it gives quick revision tips to the candidates along with tips on how to make notes the e book also provides guidance on how to sustain motivation throughout the long exam procedure main highlights civil services history and its evolution through the times topic wise detail explanation of syllabus of both papers topic wise questions from last five years with answers tips on websites to follow for ias exam tips to overcome stress during ias exam tips to sustain motivation booklist from ias toppers tips from ias toppers

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2019-10-21

this volume examines the present status and future trends of textbook studies cutting edge essays by leading experts and emerging scholars explore the field s theories methodologies and topics with the goal of generating debate and providing new perspectives the georg eckert institute s unique transdisciplinary focus on international textbook research has shaped this handbook which explores the history of the discipline the production processes and contexts that influence textbooks the concepts they incorporate how this medium itself is received and future trends the book maps and discusses approaches based in cultural studies as well as in the social and educational sciences in addition to contemporary methodologies used in the field the book aims to become the central interdisciplinary reference for textbook researchers students and educational practitioners

SSC General Awareness Topic-wise LATEST 35 Solved Papers (2010-2016)

2019-09-25

the optimization of traffic management operations has become a considerable challenge in today s global scope due to the significant increase in the number of vehicles traffic congestions and automobile accidents fortunately there has been substantial progress in the application of intelligent computing devices to transportation processes vehicular ad hoc networks vanets are a specific practice that merges the connectivity of wireless technologies with smart vehicles despite its relevance empirical research is lacking on the developments being made in vanets and how certain intelligent technologies are being applied within transportation systems iot and cloud computing advancements in vehicular ad hoc networks provides emerging research exploring the theoretical and practical aspects of intelligent transportation systems and analyzing the modern techniques that are being applied to smart vehicles through cloud technology featuring coverage on a broad range of topics such as health monitoring node localization and fault tolerance this book is ideally designed

for network designers developers analysts it specialists computing professionals researchers academics and post graduate students seeking current research on emerging computing concepts and developments in vehicular ad hoc networks

August 2019 Monthly Current Affairs with MCQs for Competitive Exams

2019-11-28

usage mining is defined as the application of data mining technologies to online usage patterns as a way to better understand and serve the needs of web based applications because the internet has become a central component in information sharing and commerce having the ability to analyze user behavior on the web has become a critical component to a variety of industries usage mining techniques and applications across industries addresses the systems and methodologies that enable organizations to predict web user behavior as a way to support website design and personalization of web based services and commerce featuring perspectives from a variety of sectors this publication is designed for use by it specialists business professionals researchers and graduate level students interested in learning more about the latest concepts related to web based information retrieval and mining

September 2019 Monthly Current Affairs with MCQs for Competitive Exams

2017-05-18

November 2019 Monthly Current Affairs with MCQs for Competitive Exams

2018-04-04

October 2019 Monthly Current Affairs with MCQs for Competitive Exams

2020-03-20

Climate Change and the Role of Education

2016-08-12

IAS Prelims 2017 A Complete Guide

The Palgrave Handbook of Textbook Studies

IoT and Cloud Computing Advancements in Vehicular Ad-Hoc Networks

Web Usage Mining Techniques and Applications Across Industries

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