2014 Biology Obj Paper 1

Knowledge of the extracellular matrix (ECM) is essential to understand cellular differentiation, tissue development, and tissue remodeling. This volume of the series "Biology of Extracellular Matrix" provides a timely overview of the structure, regulation, and function of the major macromolecules that make up the extracellular matrix. It covers topics such as collagen types and assembly of collagen-containing suprastructures, basement membrane, fibronectin and other cell-adhesive glycoproteins, proteoglycans, microfibrils, elastin, fibulins and matricellular proteins, such as thrombospondin. It also explores the concept that ECM components together with their cell surface receptors can be viewed as intricate nano-devices that allow cells to physically organize their 3-D environment. Further, the role of the ECM in human disease and pathogenesis is discussed as well as the use of model organisms in elucidating ECM function.

Introduction to Sustainability for Engineers aims to incorporate sustainability into curricula for undergraduate engineering students. The book starts with an introduction to the concept of sustainability, outlining core principles for sustainable development to guide engineering practice and decision making, including key tools aimed at enabling, measuring and communicating sustainability. It also describes concepts as life cycle assessment, environmental economics, related institutional architecture and policy framework, business context of sustainability, and sustainable buildings and infrastructure. Appendices at the end of the book presents a summary of key concepts, strategies and tools introduced in the main text. Five Key Benefits: A comprehensive textbook for engineering students to develop competency in sustainability. Presents a framework for engineers to put sustainability into practice. Presents the link between sustainability and the design process. It shows the application of a sustainable engineering design process for putting sustainability into practice. There are well woven case studies and links to websites for learning in various engineering disciplines. Includes challenging exercises at the end of each chapter that will inspire students and stimulate discussion in the class.

"Much of the biological and other research efforts on crustaceans have been driven by their importance to humans as a food source. Production comes from a diverse array of methods and scales of extraction, from small recreational or subsistence fisheries to industrial scale operations. Most crustacean catch comes from shrimp fisheries with over two million tonnes taken in 2014, mainly by trawl. The genera Acetes, Fenneropenaeus, and Pandalus account for around three quarters of this catch. Crab, krill and lobster are the other main crustacean products (around 600,000 t crab, 380,000 t krill and 300,000 t lobster in 2014). Trends in crustacean fisheries are broadly similar to those of other seafood although crustaceans often target different market segments and receive higher prices than fish. Crustacean fisheries management faces many challenges with management of bycatch from trawl gears especially significant. Fortunately, crustaceans tend to be easily handled with low discard mortality and this has enabled widespread use of regulations based on size, maturity or sex (e.g., male-only fisheries). Total allowable catch (TAC) limits are widely used and highly effective for ensuring sustainable harvests when set responsibly using good information. TAC systems are often combined with catch share or individual transferable quota systems which had a mixed history in crustaceans, sometimes reducing overall community benefit. This parallels the challenge facing fisheries globally of ensuring that harvests are not only sustainable but also deliver benefits to the wider community beyond the commercial fishers; management of some crustacean fisheries are at the forefront of these developments"--

Concepts of Biology is designed for the single-semester introduction to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, Concepts of Biology is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of Concepts of Biology is that instructors can customize the book, adapting it to the approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand--and apply--key concepts.

The Cognitive Neurosciences, sixth edition

Multi-Objective and Multi-Attribute Optimisation for Sustainable Development Decision Aiding

Objective NCERT Xtract Biology for NEET, AIIMS, Class 11/12, JIPMER 5th Edition

Encyclopedia of Evolutionary Biology

Chemical Heroes

Handbook of Research on Wireless Sensor Network Trends, Technologies, and Applications

This two-volume set of LNCS 11643 and LNCS 11644 constitutes - in conjunction with the volume LNAI 11645 - the refereed proceedings of the 15th International Conference on Intelligent Computing, ICIC 2019, held in Nanchang, China, in August 2019. The 217 full papers of the three proceedings volumes were carefully reviewed and selected from 609 submissions. The ICIC theme unifies the picture of contemporary intelligent computing techniques as an integral concept that highlights the trends in advanced computational intelligence and bridges theoretical research with applications. The theme for this conference is "Advanced Intelligent Computing Methodologies and Applications." Papers related to this theme are especially solicited, including theories, methodologies, and applications in science and technology.

This book focuses on socio-cultural issues and the potential of using dioramas in museums to engage various audiences with – and in – contemporary debates and big issues, which society and the natural environment are facing, such as biodiversity loss. From the early 1900s, with the passage of time and changes in cultural norms in societies, this genre of exhibits evolved in response to the changes in entertainment, expectations and expressed needs of museum visitors. The challenge has always been to provide meaningful, relevant experiences to visitors, and this is still the aim today. Dioramas are also increasingly valued as learning tools. Contributions in this book specifically focus on their educational potential. In practice, dioramas are used by a wide range of educational practitioners to assist learners in developing and understanding specific concepts, such as climate change, evolution or or conservation issues. In this learning process, dioramas not only contribute to scientific understanding and cultural awareness, but also reconnect wide audiences to the natural world and thereby contribute to the well-being of societies. In the simultaneously published book: "Natural History Dioramas – Traditional Exhibits for Current Educational Themes, Science Educational Aspects" the editors discuss the history of dioramas and their building and science learning aspects, as well as current developments and their place in the visitor experience.

T-cells are an essential component of the immune system that provide protection against pathogen infections and cancer and are involved in the aetiology of numerous autoimmune and autoinflammatory pathologies. Their importance in disease, the relative ease to isolate, expand and manipulate them ex vivo have put T-cells at the forefront of basic and translational research in immunology. Decades of study have shed some light on the various ways T-cells integrate extrinsic environmental cues influencing an activation program triggered by interactions between peptide-MHC complexes and the antigen-recognition machinery constituted of clonally distributed T-cell receptors and their co-receptor CD4 or CD8. The manipulation of these molecular determinants in cellular systems or as recombinant proteins has considerably enhanced our ability to understand antigen-specific T-cell activation, to monitor ongoing T-cell responses and to exploit T-cells for therapy. Even though these principles have given numerous insights in the biology of CD8+ T-cells that translate into promising therapeutic prospects, as illustrated by recent breakthroughs in cancer therapy, they have proven more challenging to apply to CD4+ T-cells. This Research Topic aims to provide a comprehensive view of the recent insights provided by the use of engineered antigen receptors and their ligands on T-cell activation and how they have been or could be harnessed to design efficient immunotherapies.

Wireless sensor networks have become an intricate and necessary addition to daily life by providing an energy efficient way to collect and monitor data while rerouting the information to a centralized location. As the application of these networks becomes more common, it becomes imperative to evaluate their effectiveness, as well as other opportunities for possible implementation in the future. The Handbook of Research on Wireless Sensor Network Trends, Technologies, and Applications provides inclusive coverage on the processing and applications of wireless communication, sensor networks, and mobile computing. Investigating emergent research and theoretical concepts in the area of wireless sensors and their applications to daily life, this handbook of research is a critical reference source for students, researchers, engineers, scientists, and working professionals.

Membrane Computing

The Extracellular Matrix: an Overview

New Trends in Image Analysis and Processing – ICIAP 2017

Neural Computation in Embodied Closed-Loop Systems for the Generation of Complex Behavior: From Biology to Technology

What Do Animals Think and Feel?

Natural History Dioramas – Traditional Exhibits for Current Educational Themes

This book constitutes the thoroughly refereed proceedings of the 4th International Conference on Context-Aware Systems and Applications, ICCASA 2015, held in Vung Tau, Vietnam, in November 2015. The 44 revised full papers presented were carefully selected and reviewed from over 100 submissions. The papers cover a wide spectrum of issues in the area of context-aware systems (CAS) and context-based recommendation systems. CAS is characterized by its self- facets such as self-organization, self-configuration, self-healing, self-optimization, self-protection and so on whose context awareness used to dynamically control computing and networking functions. The overall goal of CAS is to realize nature-inspired autonomic systems that can manage themselves without direct human interventions.

This product covers the following: Strictly as per the Full syllabus for Board 2022-23 Exams Includes Questions of the both - Objective & Subjective Types Questions Chapterwise and Topicwise Revision Notes for in-depth study Modified & Empowered Mind Maps & Mnemonics for quick learning Concept videos for blended learning Previous Years' Board Examination Questions and Marking scheme Answers with detailed explanation to facilitate exam-oriented preparation. Examiners comments & Answering Tips to aid in exam preparation. Includes Topics found Difficult & Suggestions for students. Includes Academically important Questions (AI) Dynamic QR code to keep the students updated for 2023 Exam paper or any further ISC notifications/circulars

EASTER CONFERENCE - The 14th International Academic Conference in Prague 2019, Czech Republic (The 14th IAC in Prague 2019)

Encyclopedia of Evolutionary Biology is the definitive go-to reference in the field of evolutionary biology. It provides a fully comprehensive review of the field in an easy to search structure. Under the collective leadership of fifteen distinguished section editors, it is comprised of articles written by leading experts in the field, providing a full review of the current status of each topic. The articles are up-to-date and fully illustrated with in-text references that allow readers to easily access primary literature. While all entries are authoritative and valuable to those with advanced understanding of evolutionary biology, they are also intended to be accessible to both advanced undergraduate and graduate students. Broad topics include the history of evolutionary biology, population genetics, quantitative genetics; speciation, life history evolution, evolution of sex and mating systems, evolutionary biogeography, evolutionary developmental biology, molecular and genome evolution, coevolution, phylogenetic methods, microbial evolution, diversification of plants and fungi, diversification of animals, and applied evolution. Presents fully comprehensive content, allowing easy access to fundamental information and links to primary research Contains concise articles by leading experts in the field that ensures current coverage of each topic Provides ancillary learning tools like tables, illustrations, and multimedia features to assist with the comprehension process

ICIAP International Workshops, WBICV, SSPandBe, 3AS, RGBD, NIVAR, IWBAAS, and MADiMa 2017, Catania, Italy, September 11-15, 2017, Revised Selected Papers

Volume 9

Oswaal Karnataka PUE Solved Papers II PUC (Set of 3 Books) Physics, Chemistry, Biology (For 2022 Exam)

Fisheries and Aquaculture

Stomatal Biology and Beyond

AAMAS 2016 Workshops, Visionary Papers, Singapore, Singapore, May 9-10, 2016, Revised Selected Papers

These two volumes constitute the Proceedings of the 7th International Workshop on Soft Computing Applications (SOFA 2016), held on 24–26 August 2016 in Arad, Romania. This edition was organized by Aurel Vlaicu University of Arad, Romania, University of Belgrade, Serbia, in conjunction with the Institute of Computer Science, Iasi Branch of the Romanian Academy, IEEE Romanian Section, Romanian Society of Control Engineering and Technical Informatics (SRAIT) - Arad Section, General Association of Engineers in Romania - Arad Section, and BTM Resources Arad. The soft computing concept was introduced by Lotfi Zadeh in 1991 and serves to highli ght the emergence of computing methodologies in which the accent is on exploiting the tolerance for imprecision and uncertainty to achieve tractability, robustness and lower costs. Soft computing facilitates the combined use of fuzzy logic, neurocomputing, evolutionary computing and probabilistic computing, leading to the concept of hybrid intelligent systems. The rapid emergence of new tools and applications calls for a synergy of scientific and technological disciplines in order to reveal the great potential of soft computing in all domains. The conference papers included in these proceedings, published post-conference, were grouped into the following areas of research: • Methods and Applications in Electrical Engineering • Knowledge-Based Technologies for Web Applications, Cloud Computing, Security Algorithms and Computer Networks • Biomedical Applications • Image, Text and Signal Processing • Machine Learning and Applications • &nb sp; Business Process Management • Fuzzy Applications, Theory and Fuzzy Control • Computational Intelligence in Education • Soft Computing & Fuzzy Logic i n Biometrics (SCFLB) • Soft Computing Algorithms Applied in Economy, Industry and Communication Technology • Modelling and Applications in Textiles The book helps to disseminate advances in selected active research directions in the field of soft computing, along with current issues and applications of related topics. As such, it provides valuable information for professors, researchers and graduate students in the area of soft computing techniques and applications.

• Latest Examination Paper with Scheme of Valuation • Strictly as per the latest syllabus, blueprint & design of the question paper. • Board-specified typologies of questions for exam success • Perfect answers with Board Scheme of Valuation • NCERT Textbook Questions fully solved • Solutions of PUE Textbook Questions • Previous Years' Board Examination Questions • Mind Maps for clarity of Concepts.

Yoga has evolved into a popular fitness practice across the globe. With the various schools of practice, it is imperative for practitioners to study both traditional texts and emerging scientific research in this area. Research-Based Perspectives on the Psychophysiology of Yoga is a unique reference source for the latest academic material on the physiological effects of yoga and cultivating a deeper understanding of yoga practice through the intersection of traditional texts and contemporary research. Including a range of topics such as occupational health, neurobiology, and women's health, this book is ideally designed for professionals, practitioners, students, educators, and academics interested in the effects, challenges, and benefits of yoga practice.

Cardiovascular and Neurovascular Imaging: Physics and Technology explains the underlying physical and technical principles behind a range of cardiovascular and neurovascular imaging modalities, including radiography, nuclear medicine, ultrasound, and magnetic resonance imaging (MRI). Examining this interdisciplinary branch of medical imaging from a

15th International Conference, ICIC 2019, Nanchang, China, August 3–6, 2019, Proceedings, Part I

Papers in ITJEMAST 11(14)

Understanding Light Microscopy

16th International Conference, CMC 2015, Valencia, Spain, August 17-21, 2015, Revised Selected Papers

Cardiovascular and Neurovascular Imaging

Proceedings of The 14th IAC 2019

This two-volume set (CCIS 1159 and CCIS 1160) constitutes the proceedings of the 14th International Conference on Bio-inspired Computing: Theories and Applications, BIC-TA 2019, held in Zhengzhou, China, in November 2019. The 121 full papers presented in both volumes were selected from 197 submissions. The papers are organized according to the topical headings: evolutionary computation and swarm intelligence; bioinformatics and systems biology; complex networks; DNA and molecular computing; neural networks and artificial intelligence.

Continuous improvements in technological applications have allowed more opportunities to develop automated systems. This not only leads to higher success in smart data analysis, but it increases the overall probability of technological progression. The Handbook of Research on Machine Learning Innovations and Trends is a key resource on the latest advances and research regarding the vast range of advanced systems and applications involved in machine intelligence. Highlighting multidisciplinary studies on decision theory, intelligent search, and multi-agent systems, this publication is an ideal reference source for professionals and researchers working in the field of machine learning and its applications.

Introduces readers to the enlightening world of the modern light microscope There have been rapid advances in science and technology over the last decade, and the light microscope, together with the information that it gives about the image, has changed too. Yet the fundamental principles of setting up and using a microscope rests upon unchanging physical principles that have been understood for years. This informative, practical, full-colour guide fills the gap between specialised edited texts on detailed research topics, and introductory books, which concentrate on an optical approach to the light microscope. It also provides comprehensive coverage of confocal microscopy, which has revolutionised light microscopy over the last few decades. Written to help the reader understand, set up, and use the often very expensive and complex modern research light microscope properly. Understanding Light Microscopy keeps mathematical formulae to a minimum—containing and explaining them within boxes in the text. Chapters provide in-depth coverage of basic microscope optics and design; ergonomics; illumination; diffraction and image formation; reflected-light, polarised-light, and fluorescence microscopy; deconvolution; TIRF microscopy; FRAP & FRET; super-resolution techniques; biological and materials specimen preparation; and more. Gives a didactic introduction to the light microscope Encourages readers to use advanced fluorescence and confocal microscopes within a research institute or core microscopy facility Features full-colour illustrations and workable practical protocols Understanding Light Microscopy is intended for any scientist who wishes to understand and use a modern light microscope through their own study. It is also ideal as supporting material for a formal taught course, or for individual students to learn the key aspects of light microscopy through their own study.

In Chemical Heroes Andrew Bickford analyzes the US military's attempts to design performance enhancement technologies and create pharmacological "supersoldiers" capable of withstanding extreme trauma. Bickford traces the deep history of efforts to biologically fortify and extend the health and lethal power of soldiers from the Cold War era into the twenty-first century, from early adoptions of mandatory immunizations to bio-protective gear, to the development and spread of new performance enhancing drugs during the global War on Terrorism. In his examination of government efforts to alter soldiers' bodies through new technologies, Bickford invites us to contemplate what constitutes heroism when armor becomes built in, wired in, and even edited into the molecular being of an American soldier. Lurking in the background and dark recesses of all US military enhancement research, Bickford demonstrates, is the desire to preserve US military and imperial power.

Research-Based Perspectives on the Psychophysiology of Yoga

Oswaal ICSE Question Bank Class 10 Physics, Chemistry, Math & Biology (Set of 4 Books) (For 2022-23 Exam)

UPSC IAS Prelims Paper 1 & 2 General Studies 10 Year-wise Solved Papers (2020- 11) 2nd Edition

Concepts of Biology

Intelligent Computing Theories and Application

Oswaal Karnataka PUE Solved Papers II PUC (Set of 5 Books) Physics, Chemistry, Mathematics, Biology, English (For 2022 Exam)

2014 International Conference on Education and Management Science (ICEMS2014) will be held in Beijing, China on August 19-20, 2014. The main purpose of this conference is to provide a common forum for researchers, scientists, and students from all over the world to present their recent findings, ideas, developments and application in the border areas of Education and Management Science. It will also report progress and development of methodologies, technologies, planning and implementation, tools and standards in information systems. Education is an internal topic. It is a process of delivering knowledge in a basic meaning. Humans are hard to define the actual definition of education. But it is the key point for our society to step forward. Management science is the discipline that adapts the scientific approach for problem solving to help managers making informed decisions. The goal of management science is to recommend the course of action that is expected to yield the best outcome with what is available.

In What Do Animals Think and Feel?, the biologist Karsten Brensing has something astonishing to tell us about the animal kingdom: namely that animals, by any reasonable assessment, have developed the sophisticated systems of social organization and behaviour that human beings call 'culture'. Dolphins call one another by name and orcas inhabit a culture that is over 700,000 years old. Chimpanzees wage strategic warfare, while bonobos delight in dirty talk. Ravens enjoy snowboarding on snow-covered roofs, and snails like to spin on hamster exercise wheels. Humped-back whales follow the dictates of fashion and rats are dedicated party animals. Ants recognize themselves in mirrors and spruce themselves up before they return home. Ducklings can pass complicated tests in abstract thinking. Dogs punish disloyalty, though they are also capable of forgiveness if you apologize to them. Brensing draws on the latest scientific findings as well as his own experience working with animals, to reveal a world of behavioural and cognitive sophistication that is remarkable similar to our own.

Optimization is considered as a decision-making process for getting the most out of available resources for the best attainable results. Many real-world problems are multi-objective or multi-attribute problems that naturally involve several competing objectives that need to be optimized simultaneously, while respecting some constraints or involving selection among feasible discrete alternatives. In this Reprint of the Special Issue, 19 research papers co-authored by 88 researchers from 14 different countries explore aspects of multi-objective or multi-attribute modeling and optimization in crisp or uncertain environments by suggesting multiple-attribute decision-making (MADM) and multi-objective decision-making (MODM) approaches. The papers elaborate upon the approaches of state-of-the-art case studies in selected areas of applications related to sustainable development decision aiding in engineering and management, including construction, transportation, infrastructure development, production, and organization management.

This book constitutes the refereed proceedings of seven workshops held at the 19th International Conference on Image Analysis and Processing, ICIAP 2017, in Catania, Italy, in September 2017: First International Workshop on Brain-Inspired Computer Vision - WBICV 2017; Social Signal Processing and Beyond - SSPandBE 2017; Automatic affect analysis and synthesis - 3AS 2017; Background learning for detection and tracking from RGBD Videos - RGBD 2017; Natural human-computer Interaction and ecological perception in immersive Virtual and Augmented Reality - NIVAR 2017; 1st International Workshop on Biometrics as-a-service: cloud-based technology, systems and applications - IWBAAS 2017; 3rd International Workshop on Multimedia Assisted Dietary Management - MADiMa 2017.

Soft Computing Applications

Autonomous Agents and Multiagent Systems

4th International Conference, ICCASA 2015, Vung Tau, Vietnam, November 26-27, 2015, Revised Selected Papers

Investigating and harnessing T-cell functions with engineered immune receptors and their ligands

Biology-Inspired Engineering and Engineering-Inspired Biology

International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies publishes a wide spectrum of research and technical articles as well as reviews, experiments, experiences, modelings, simulations, designs, and innovations from engineering, sciences, life sciences, and related disciplines as well as interdisciplinary/cross-disciplinary/multidisciplinary subjects. Original work is required. Article submitted must not be under consideration of other publishers for publications.

The sixth edition of the foundational reference on cognitive neuroscience, with entirely new material that covers the latest research, experimental approaches, and measurement methodologies. Each edition of this classic reference has proved to be a benchmark in the developing field of cognitive neuroscience. The sixth edition of The Cognitive Neurosciences continues to chart new directions in the study of the biological underpinnings of complex cognition—the relationship between the structural and physiological mechanisms of the nervous system and the psychological reality of the mind. It offers entirely new material, reflecting recent advances in the field, covering the latest research, experimental approaches, and measurement methodologies. This sixth edition treats such foundational topics as memory, attention, and language, as well as other areas, including computational models of cognition, reward and decision making, social neuroscience, scientific ethics, and methods advances. Over the last twenty-five years, the cognitive neurosciences have seen the development of sophisticated tools and methods, including computational approaches that generate enormous data sets. This volume deploys these exciting new instruments but also emphasizes the value of theory, behavior, observation, and other time-tested scientific habits. Section editors Sarah-Jayne Blakemore and Ulman Lindenberger, Kalanit Grill-Spector and Maria Chait, Tomás Ryan and Charan Ranganath, Sabine Kastner and Steven Luck, Stanislas Dehaene and Josh McDermott, Rich Ivry and John Krakauer, Daphna Shohamy and Wolfram Schultz, Danielle Bassett and Nikolaus Kriegeskorte, Marina Bedny and Alfonso Caramazza, Liina Pylkkänen and Karen Emmorey, Mauricio Delgado and Elizabeth Phelps, Anjan Chatterjee and Adina Roskies

Some of the key benefits of studying from Oswaal Question Banks are: • Chapter-wise/ Topic-wise presentation for systematic and methodical study • Strictly based on the Reduced CBSE Curriculum issued for Academic Year 2020-2021, following the latest NCERT Textbook and Exemplar • Previous Years' Question Papers with Marking Scheme & Toppers' Answers for exam-oriented study • Remembering, Understanding, Application, Analysing & Evaluation and Creation Based Question based on Bloom's Taxonomy for cognitive skills development • Latest Typologies of Questions developed by Oswaal Editorial Board • Mind Maps in each chapter for making learning simple • 'Most likely Questions' generated by Oswaal Editorial Board with 100+ years of teaching experience • Suggested videos at the end of each chapter for a Hybrid Learning Experience IMPORTANT FEATURES OF THE BOOK: Self-Study Mode • Chapter wise/Topic wise Previous Years' Board Examination Questions to facilitate focused study • Latest Board solved paper along with Marking Scheme and Handwritten Topper's Answers for practice Exam Preparatory Material • Answers of CBSE Marking Scheme up to March 2019 Exam with detailed explanations to score full marks in exams • Answering Tips & Commonly Made Errors for clearer thinking All-In-One • Revision notes, Mind Maps & Grammar charts facilitate quick revision of chapters • NCERT & Oswaal 150+ concept videos for digital learning

How can neural and morphological computations be effectively combined and realized in embodied closed-loop systems (e.g., robots) such that they can become more like living creatures in their level of performance? Understanding this will lead to new technologies and a variety of applications. To tackle this research question, here, we bring together experts from different fields (including Biology, Computational Neuroscience, Robotics, and Artificial Intelligence) to share their recent findings and ideas and to update our research community. This eBook collects 17 cutting edge research articles, covering neural and morphological computations as well as the transfer of results to real world applications, like prosthesis and orthosis control and neuromorphic hardware implementation.

General Studies Paper 1 & 2 IAS Prelims 9 Year-wise Solved Papers (2019 - 11)

Bio-inspired Computing: Theories and Applications

Oswaal CBSE Question Bank, Chapterwise & Topicwise, Solved Papers, Class 12, Biology, Reduced Syllabus (For 2021 Exam)

Oswaal Karnataka PUE Solved Papers II PUC (Set of 4 Books) English, Physics, Chemistry, Biology (For 2022 Exam)

14th International Conference, BIC-TA 2019, Zhengzhou, China, November 22–25, 2019, Revised Selected Papers, Part I

Socio-cultural Aspects

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This book constitutes revised selected papers from the International Conference on Membrane Computing, CMC 2015, held in Valencia, Spain, in August 2015. The 22 full papers presented in this volume were carefully reviewed and selected from 34 submissions. The volume also contains 3 invited talks in full-paper length.

This book constitutes the most visionary papers of the AAMAS 2016 Workshops, held in Singapore, Singapore, in May 2016. The 12 revised full papers presented were carefully reviewed and selected from the 12 workshops. They cover specific topics, both theoretical and applied, in the general area of autonomous agents and multiagent systems.

The 5th Edition of the book Objective NCERT Xtract -Biology for NEET, Class 11 & 12, AIIMS consists of Quality Selected MCQs as per current NCERT syllabus covering the entire syllabus of 11th and 12th standard. The most highlighting feature of the book is the inclusion of a lot of new questions created exactly on the pattern of NCERT. • This book-cum-Question Bank spans through 38 chapters. • The book provides a detailed 2 page Concept Map for Quick Revision of the chapter. • This is followed by 3 types of objective exercises: 1. Topic-wise Concept Based MCQs 2. NCERT Exemplar & Past NEET & AIIMS Questions 3. 15-20 Challenging Questions in Try If You Can Exercise • Detailed explanations have been provided for all typical MCQs that need conceptual clarity. • The book also includes 5 Mock Tests for Self Assessment. This book assures complete syllabus coverage by means of questions for more or less all significant concepts of Biology. In nutshell this book will act as the BEST PRACTICE & REVISION MATERIAL for all PMT entrance exams.

Context-Aware Systems and Applications

Oswaal ISC Question Bank Class 12 Physics, Chemistry, Biology, English Paper-1 & 2 (Set of 5 Books) (For 2023 Exam)

Regulatory Toxicology, Third Edition

International Conference on Education and Management Science (ICEMS2014)

Oswaal Karnataka PUE Solved Papers II PUC (Set of 4 Books) Physics, Chemistry, Mathematics, Biology (For 2022 Exam)

Proceedings of the 7th International Workshop Soft Computing Applications (SOFA 2016) , Volume 1

This practical book provides toxicologists with essential information on the regulations that govern their jobs and products. Regulatory Toxicology, Third Edition is an up-to-date guide to required safety assessment for the entire range of man-made marketed products. Individual chapters written by experts with extensive experience in the field address requirements not only for human pharmaceuticals and medical devices (for which there are available guidances), but for the full range of man-made products. New in this edition are three chapters addressing Safety Data Sheet Preparation, Regulatory Requirements for GMOs, and Regulatory Requirements for Tobacco and Marijuana. The major administrative divisions for regulatory agencies and their main responsibilities are also detailed, as are the basic filing documents the agencies require. Coverage includes food additives, dietary supplements, cosmetics, over-the-counter drugs, personal care and consumer products, agriculture and GMO products, industrial chemicals, air and drinking water regulations and the special cases of California's Proposition 65, requirements for safety data sheets, and oversight regulations. Both US and international requirements are clearly presented and referenced. In one volume, those who have regulatory responsibility in companies, lawyers, educators, and those selling these materials in the marketplace can learn about regulatory requirements and how to meet them.

Introduction to Sustainability for Engineers

Handbook of Research on Machine Learning Innovations and Trends

Pharmacological Supersoldiers in the US Military

Physics and Technology