

Arya Publication Biology Laboratory Manual Class 12

English Primer Book is an updated, modern and challenging course based on the current approach to learning English in an easy way...

History Book

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Was king Ashoka fond of chewing paan? Mulligatawny was a soup, but what was pish-pash? Did they design jewellery in Harappa? Who played pachisi, chaupar and lam turki? Find the answers to all these weird, impossible question in this fascinating book about how people lived in the past. Go time travelling through the alleys of history and take a tour through the various ages—from Harappa to the Mauryan, Mughal to the British. Through short snapshots and wacky trivia, this book gives you a glimpse into the vibrant culture of India, as you learn about the life and times of kings, queens, viceroys and even ordinary children! Spend a day with Urpi as she tries selling pottery in exchange for a few beads at Mohen-jo-daro; step back into King Ashoka's kingdom where Madhura prepares to be a warrior; watch Adil harbour hopes of becoming a khansama in British India.

1. This book deals with CBSE New Pattern Physics for Class 11 2. It is divided into 8 chapters as per Term 1 Syllabus 3. Quick Revision Notes covering all the Topics of the chapter 4. Carries all types of Multiple Choice Questions (MCQs) 5. Detailed Explanation for all types of questions 6. 3 practice papers based on entire Term 1 Syllabus with OMR Sheet With the introduction of new exam pattern, CBSE has introduced 2 Term Examination Policy, where; Term 1 deals with MCQ based questions, while Term 2 Consists of Subjective Questions. Introducing, Arihant's "CBSE New Pattern Series", the first of its kind providing the complete emphasize on Multiple Choice Questions which are designated in TERM 1 of each subject from Class 9th to 12th. Serving as a new preparatory guide, here's presenting the all new edition of "CBSE New Pattern Physics for Class 11 Term 1" that is designed to cover all the Term I chapters as per rationalized syllabus in a Complete & Comprehensive form. Focusing on the MCQs, this book divided the first have syllabus of Physics into 8 chapters giving the complete coverage. Quick Revision Notes are covering all the Topics of the chapter. As per the prescribed pattern by the board, this book carries all types of Multiple Choice Questions (MCQs) including; Assertion – Reasoning Based MCQs and Cased MCQs for the overall preparation. Detailed Explanations of the selected questions help students to get the pattern and questions as well. Lastly, 3 Practice Questions are provided for the revision of the concepts. TOC Physical World, Units and Measurement, Motion in a Straight, Motion in a Plane, Laws of Motion, Work, Energy and Power, System of Particles and Rotational Motion, Gravitation, Practice Papers (1-3).

Based on the ancient healing tradition from India that dates back thousands of years, The Complete Book of Ayurvedic Home Remedies offers natural alternatives to conventional medicines and treatments with practical advice and easy-to-follow instructions. Dr. Vasant Lad, a leading authority in this field, has created an invaluable guide to treating common ailments and chronic problems with strategies tailored to your personal needs based on your dosha. Dr. Lad first explains the principles behind the science of Ayurveda, exploring the physical and psychological characteristics of each of the three doshas, or mind-body types--vata, pitta, and kapha. Once you have determined which type or combination of types you are, Dr. Lad helps you to begin your journey to the ultimate "state of balance" and well-being. Dr. Lad explains why certain imbalances often result in illness and shows you how to restore your body to natural order. You'll learn which traditional Ayurvedic remedies--herbal teas and formulas, essential oils, meditation, yoga--offer relief from a variety of conditions, such as cold and flu symptoms, headaches, toothaches, sore throats, high cholesterol, vision problems, anxiety, and depression. Dr. Lad also shows you how to use diet and specific Ayurvedic techniques to prevent future illness and to promote body consciousness and healthy living. The Complete Book of Ayurvedic Home Remedies enables us all to experience the benefits of Ayurveda's healing properties that have been refined over thousands of years. All of the herbs, foods, and oils Dr. Lad recommends can be found in local health food stores or through mail-order catalogs. Complete with an extensive glossary and resource list, this is the definitive guide to natural, safe, and effective remedies, everyday keys to a lifetime of vitality and well-being.

Biology Lab Manual New Saraswati House India Pvt Ltd

Objective Seed Science and Technology is prepared based on the ICAR UG syllabus of Seed Science and Technology. This book is the compilation of Frequently Asked Questions (FAQs) in Seed Science and Technology which will be highly useful in writing competitive examinations like ASRB, NET, JRF, SRF, Ph.D entrance, Bank, UPSC, Agricultural, Horticultural and Seed Certification Officers. The 2nd revised Edition comprises two sections namely 1. Seed Science and Technology: Principles and Practices, and 2. Advances in Seed Physiology and Biochemistry. The section 1 consists of eight units such as floral and seed biology, seed production including breeding methods, seed processing, seed quality control, seed storage, seed health, seed industry and marketing and protection of plant varieties including DUS. The section 2 consists of three units namely seed development and maturation, seed dormancy and germination, and seed deterioration. Each chapter includes Multiple Choice Questions (MCQs), fill in the blanks, true or false, match the following, answer the incorrect statement, arrange in order and differentiate between the following. Abbreviations, National and International journals and books, International STLs, Seed Scientists and their inventions and glossaries are also compiled and presented in this book

Lab Manual

Understanding ISC Mathematics, for class 11 - sections A, B & C, has been written by Mr. M.L. Aggarwal (Former Head of P.G. Department of Mathematics, D.A.V. College, Jalandhar) strictly according to the new syllabus prescribed by the Council for the Indian School Certificate Examinations, New Delhi in the year 2015 and onwards for students of class 11. A new feature - Typical Illustrative Examples and Typical Problems, has been added in some chapters for those students who want to attempt some more challenging problems. The entire matter in the book is given in a logical sequence so as to develop and strengthen the concepts of the students.

This book covers all the steps in order to fabricate a lab-on-a-chip device starting from the idea, the design, simulation, fabrication and final evaluation. Additionally, it includes basic theory on microfluidics essential to understand how fluids behave at such reduced scale. Examples of successful histories of lab-on-a-chip systems that made an impact in fields like biomedicine and life sciences are also provided. This book also:

- Provides readers with a unique approach and toolset for lab-on-a-chip development in terms of materials, fabrication techniques, and components
- Discusses novel materials and techniques, such as paper-based devices and synthesis of chemical compounds on-chip
- Covers the four key aspects of development: basic theory, design, fabrication, and testing
- Provides readers with a comprehensive list of the most important journals, blogs, forums, and conferences where microfluidics and lab-on-a-chip news, methods, techniques and challenges are presented and discussed, as well as a list of companies providing design and simulation support, components, and/or developing lab-on-a-chip and microfluidic devices.

A series of Book of Computers . The ebook version does not contain CD.

Question Bank and Sample Papers in Mathematics for Class XII by Prof. M.L. Aggarwal has been written according to the changed style of question paper relevant for 2015 Board Examinations. The Salient Features of the book are: Latest Sample Papers issued by the CBSE for 2015 Examinations-with solutions Chapterwise Basic Concepts and Important Results Chapterwise Assignments for Practice (1 mark, 4 marks, 6 marks) Chapterwise Questions from Previous Years' Board Papers Ten Sample Papers for Practice (4 Solved & 6 Unsolved) CBSE Examination Paper 2014 (Fully Solved) (Delhi and Outside Delhi)

A practical and well-illustrated guide to microbiological, haematological, and blood transfusion techniques. The microbiology chapter focuses on common tropical infections. The haematology chapter deals with the investigation of anaemia and haemoglobinopathies. The blood transfusion chapter provides guidelines on the use of blood and blood substitutes, selection of donors and collection.

This volume explores homologous recombination's (HR) essential role in meiotic and somatic cells. It discusses the analysis of different steps of the HR process from the genetic, molecular biology, and cell biology perspectives. Using a variety of model systems, chapters in this book cover topics such as the genome-wide mapping of DNA double-strand breaks (DSB); analysis of DNA-end resection and recombination intermediates by gel electrophoresis and southern blotting; cell-based monitoring of HR activity in meiotic and mitotic cells; in vitro analysis of branch migration, DNA strand exchange and Holliday junction resolution; or super resolution imaging of HR repair at collapsed replication forks. Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Cutting-edge and thorough, Homologous Recombination: Methods and Protocols is a valuable resource that uses both classical and more recent approaches to answer questions on the HR mechanism. It is a useful tool for scientists working on the field of genome integrity, as well as those working in cancer biology and DNA repair. Molecular biology emerged from advances in biochemistry during the 1940s and 1950s, when the structure of the nucleic acids and proteins were elucidated. Beginning in the 1970s, with nucleic acid enzymology and the discovery of the restriction enzymes, the tools of molecular biology became widely available and applied in cell biology to study how genes are regulated. This new knowledge impacted endocrinology and reproductive biology since it was largely known that the secretion of the internal glands affected the phenotypes, and expression of genes. Modern reproductive biology encompasses every level of biological study from genomics to ecology, encompassing cell biology, biochemistry, endocrinology and general physiology. All of these disciplines require a basic knowledge, both as a tool and as an essential aid to a fundamental understanding of the principles of life in health and disease. Overall, molecular biology is central to scientific studies in all living matter, impacting disciplines such as medicine, related health sciences, veterinary, agriculture and environmental sciences. In this book, the basic biochemistry of nucleic acids and proteins are reviewed. Methodologies used to study signaling and gene regulation in the endocrine/reproductive system are also discussed. Topics include mechanisms of hormone action and several endocrine disorders affecting the reproductive system. Professionals in the medical, veterinary and animal sciences fields will find exciting and stimulating material enhancing the breadth and quality of their research.

The periodic and timely revisions of Shafer's Textbook of Oral Pathology have brought out a treatise, well conceived and written with the aim of updating students all necessary nuances of the specialty. The scope of the present edition is an extension of this goal aimed at understanding the disease processes at more fundamental level, the impetus being those in the maxillofacial region. The book highlights the etiopathogenesis and clinical presentation of oral diseases and focuses on a variety of diseases commonly encountered in clinical practice. Salient Features Extensively revised and updated chapters Temporomandibular Joint Diseases section completely rewritten Physical and Chemical Injuries of the Oral Cavity chapter updated Extensive revision of Dental Caries and Forensic Odontology chapters Advanced information scattered throughout the book in highlighted boxes New to this edition General account on stem cells with particular reference to odontogenic stem cells Histological grading of oral squamous cell carcinoma Genetic basis of oral cancer Adenocarcinoma NOS Reclassification of odontogenic keratocyst into neoplasm Lichenoid reaction Bisphosphonate therapy Hematopoietic stem cell

Laboratory findings of SLE Influence of decalcification in tissue processing and additional account on hard tissue processing

This book was written to familiarize beginners with general theoretical principles, requirements, applications, and processing steps of the Eddy Covariance method. It is intended to assist in further understanding the method, and provides references such as textbooks, network guidelines and journal papers. It is also intended to help students and researchers in field deployment of instruments used with the Eddy Covariance method, and to promote its use beyond micrometeorology.

A book on Computers

This book will serve as a practical manual for undergraduate students in MBBS. Related clinical concepts will also be useful in the preparation of postgraduate entrance exams.

This book will serve as a practical manual for undergraduate students in MBBS. Related clinical concepts will also to useful in the preparation of Post-graduate entrance exams.

1. This book deals with CBSE New Pattern Chemistry for Class 11 2. It is divided into 7 Chapters as per Term 1 Syllabus 3. Quick Revision Notes covering all the Topics of the chapter 4.

Carries all types of Multiple Choice Questions (MCQs) 5. Detailed Explanation for all types of questions 6. 3 practice papers based on entire Term 1 Syllabus with OMR Sheet With the

introduction of new exam pattern, CBSE has introduced 2 Term Examination Policy, where; Term 1 deals with MCQ based questions, while Term 2 Consists of Subjective Questions.

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Class 9th to 12th. Serving as a new preparatory guide, here's presenting the all new edition of "CBSE New Pattern Chemistry for Class 11 Term 1" that is designed to cover all the Term I chapters as per rationalized syllabus in a Complete & Comprehensive form. Focusing on the MCQs, this book divided the first have syllabus of Chemistry into 7 Chapters giving the complete coverage. Quick Revision Notes are covering all the Topics of the chapter. As per the prescribed pattern by the board, this book carries all types of Multiple Choice Questions (MCQs)

including; Assertion – Reasoning Based MCQs and Cased MCQs for the overall preparation. Detailed Explanations of the selected questions help students to get the pattern and questions as well. Lastly, 3 Practice Questions are provided for the revision of the concepts. TOC Some Basic Concept of Chemistry, Structure of Atom, Classification of Elements and Periodicity in

Properties, Chemical Bonding and Molecular Structure, Redox Reactions, Hydrogen, Organic Chemistry: Some Basic Principles and Techniques, Practice Papers (1-3).

"• It is strictly according to the latest CBSE guidelines

• It contains all NCERT Lab Manual Questions, fully solved

• It contains more than sufficient viva voce questions for practice

• It also includes brief description of each activity/experiment, which will help students in practicing and completing their lab work. "

Universal Objective Forestry contains all the major subjects of forestry as topic wise including memory based previous years JRF/SRF papers and key points of latest State Forest Report. The book covers major chapters in multiple choice questions form. This book first edition was highly useful and demandable among the competitors. The unique feature of this objective book is that all the major Forestry subjects are included in this book for the exam questions practice purpose. Primary 'Universal Objective Forestry 2nd Edition' is highly useful for ICAR JRF/SRF/NET examinations as well as other allied Forest service examinations. Most important thing is that this book is purely based on ICAR JRF/SRF and NET syllabus. This book also includes memory based previous questions which are very important for all Forestry examinations as well as the interviews of Forestry fields. This book again makes sure that its readers will be able to attempt all the questions asked in ICAR JRF/NET, allied Forestry exams and Forest service exams. 2nd Edition of this book also contains all the important questions asked in the all other Forestry related examinations during the years 2018-2019. Secondary 'Universal Objective Forestry 2nd Edition' is highly useful for students for the preparation of their semester examinations. This book covers all important questions as topic wise which is/are asked in their semester examinations, Because this book is written by the author after reading all the standard text books of Forestry. The simplified language of this book will be grasped by any average aspirant. I hope that 2nd edition of this book will also fulfill all the need of students as well as aspirants related to preparation of Forestry competition examination. Author is highly thankful to all readers and Professors to make this book first choice of Forestry aspirants.

It was estimated that 80% of the information received by human is visual. Image processing is evolving fast and continually. During the past 10 years, there has been a significant research increase in image segmentation. To study a specific object in an image, its boundary can be highlighted by an image segmentation procedure. The objective of the image segmentation is to simplify the representation of pictures into meaningful information by partitioning into image regions. Image segmentation is a technique to locate certain objects or boundaries within an image. There are many algorithms and techniques have been developed to solve image segmentation problems, the research topics in this book such as level set, active contour, AR time series image modeling, Support Vector Machines, Pixion based image segmentations, region similarity metric based technique, statistical ANN and JSEG algorithm were written in details. This book brings together many different aspects of the current research on several fields associated to digital image segmentation. Four parts allowed gathering the 27 chapters around the following topics: Survey of Image Segmentation Algorithms, Image Segmentation methods, Image Segmentation Applications and Hardware Implementation. The readers will find the contents in this book enjoyable and get many helpful ideas and overviews on their own study.

A comprehensive compilation of research techniques necessary for investigating the virology, immunology and molecular biology of HIV-1. Protocols are also provided which represent state of the art approaches to a wide spectrum of HIV related issues.

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