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Invertebrate Zoology - P.S.Verma 2001-01-01

For B.Sc. and B.Sc(hons.) students of all Indian Universities & Also as per UGC Model Curriculum. The multicoloured figures and arrestingly natural photographs effectively complement the standard text matter. The target readers shall highly benefit by correlating the content with the multicoloured figures and photographs The book has been further upgraded with addition of important questions: long, short, very short and multiple questions in all chapters. A complete comprehensive source for the subject matter of various university examinations.

Environmental Microbiology - P. D. Sharma 2005

Examines the applications of microorganisms to environment, public health, industry and agriculture. This text attempts to bring the scattered material on applied effects of microorganisms on environment, human health and welfare together in the form of a complete book on environmental microbiology.

Practical Zoology Invertebrate - Sham Sunder Lal 2009

Ecology And Environment - P. D. Sharma 2012

1. Introduction 2. Climatic and Topographic Factors 3. Edaphic Factors (Soil Science)4. Biotic Factor 5. Ecological Adaptations 6. Autecology of Species 7. Population - Structure and Dynamics 8. Community-Structure and Classification 9. Community Dynamics (Ecological Succession)10. Ecosystem: Structure and Function 11. Habitat Ecology 12. Degradation of Natural Resources and the Environmental Problems 13. Energy Crisis and Non-Conventional Sources 14. Biodiversity and Wildlife of India and its Conservation 15. Environment and Development-India's Viewpoint16. Global Warming and Climate Change 17.

Cell And Developmental Biology - 2004

CELL BIOLOGY1. The Cell 2. Microscopy 3. Protoplasm 4. Cell Membrane 5. Mitochondrion 6. Golgi Complex7. Endoplasmic Reticulum 8. Ribosomes9. Lysosomes10. Centrosome 11. Plastids 12. Cilia, Flagella and Basal Bodies 13. Nucleus 14. Chromosomes 15. Nucleic Acids 16. Cell Reproduction : Mitosis 17. Cell Reproduction : Meiosis 18. Biology of Cancer 19. Cellular Basis of Immunity DEVELOPMENTAL BIOLOGY1. Historical Perspective, Aims and Scope of Developmental Biology2. Gametogenesis3. Fertilization4. Types of Patterns of Cleavage5. Blastulation and Fate Maps in Frog and Chick6. Gastrulation in Frog.

Endocrinology and Reproductive Biology -

A Manual of Practical Zoology: INVERTEBRATES - PS Verma 2010

The book provides discussion on all aspects of Invertebrates as covered in Practical Zoology. Beginning with general techniques of preparation of cultures of Protozoa, microscopic slides and laboratory regents, it also covers in tabular and detailed form, recent classification of various invertebrate phyla with examples of each order or suborder. Wide coverage of each phylum, and diagrams of major and minor dissections make the book equally useful for both undergraduate and postgraduate students.

Protozoa - Kotpal R L 1970

Taxonomy of Angiosperms - V. Singh 1981

Lewin's GENES X - Benjamin Lewin 2011

Jacket.

Animal Physiology - Goyal

Modern Text Book of Zoology Vertebrates [Animal Diversity - Ii] - R.L. Kotpal 2010

Books from India - 1970

Indian Book Industry - 1981

Concepts of Biology - Samantha Fowler 2018-01-07

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.

Indian National Bibliography - 1984

Environmental Biology & Toxicology - Sharma P D

Invertebrates - Richard C. Brusca 2022-05

"For each of the thirty-two currently recognized phyla, Invertebrates presents detailed classifications, revised taxonomic synopses, updated information on general biology and anatomy, and current phylogenetic hypotheses, organized with boxes and tables, and illustrated with abundant line drawings and new color photos. The chapters are organized around the "new animal phylogeny," while introductory chapters provide basic background information on the general biology of invertebrates. Two new coauthors have been added to the writing team, and twenty-two additional invertebrate zoologists have contributed to chapter revisions. This benchmark volume on our modern views of invertebrate biology should be in every zoologist's library"--

Modern Text Book of Zoology: Invertebrates - Prof. R.L.Kotpal 2012

ECONOMIC ZOOLOGY. - G. S. SHUKLA 2014

Survey of Indian Agro-bio-economic and Allied Literature, 1947-1975: Classified part - Tara Chand Jain 1978

Books India - 1975

The Fungi -

Microbiology - P. D. Sharma 2005

Vertebrate Paleontology and Evolution - Robert L. Carroll 1988

Fundamentals of Biochemistry - J.L Jain et al. 2004-09

In this latest Seventh Edition, five New Chapters (No. 28, 29, 33, 36 and 37) have been added to enhance the scope and utility of the book: three chapters pertain to Bioenergetics and Metabolism (Biosynthesis of Nucleotides, Degradation of Nucleotides, Mineral Metabolism) and two to Nutrition Biochemistry (Principles of Nutrition, Elements of Nutrition). In fact, all the previously-existing 35 chapters have been thoroughly revised, enlarged and updated in the light of recent advancements and the ongoing researches being conducted the world over.

Developmental Biology - K. V. Sastry 2010

Animal Diversity - Diana R. Kershaw 2012-12-06

This book has been written with two main purposes in mind, page. At the same time animals show immense variation the first being to give a general review of the entire animal and none is truly typical. Some idea of the immense variety kingdom, and the second to give more detailed functional of animals is given in the diversity sections, with a synopsis accounts of the anatomy of a representative of each major of the classification of each major phylum. animal group. It is intended to be used by those who are Zoology has a language of its own, which appears highly interested in animals and does not start with the assumption complicated but in most cases can, in fact, be derived simply of any great zoological knowledge. It is hoped that it will from either Latin or Greek. Translations and derivations prove particularly helpful to those studying biology or have been given of a selection of zoological terms; these zoology at 'A' level, or in the early stages of a university should be regarded as examples. The interested zoologist course. may find the use of a Greek and Latin dictionary rewarding.

Animal Behaviour - Reena Mathur 2010

1. Introduction to the Study of Animal Behaviour 2. Concepts of Ethology 3. Methods of Studying Behaviour 4. Mammalian Nervous System and Behaviour 5. Pheromones 86-108 6. Hormones and Behaviour 7. Biological Clocks 8. Orientation 9. Bird Migration and Navigation 10. Fish Migration 11. Social Organization 12. Wildlife 10 India Glossary Supplementary Reading

Fauna of Eravikulam National Park - 2002

Contributed articles with reference to the Park in Kerala, India.

Annelida - Kotpal R L 1967

Cell Biology - Singh 2007

Minor Phyla -

Economic Zoology - 2006

Microbiology & Plant Pathology - Dr. P.D. Sharma 2010

Chordate Zoology - P.S.Verma 1965

FOR B.Sc & B.Sc.(Hons) CLASSES OF ALL INDIAN UNIVERSITIES AND ALSO AS PER UGC MODEL CURRICULUMN Contents: CONTENTS:Protochordates:Hemichordata 1.Urochordata Cephalochordata Vertebrates : Cyclostomata 3. Agnatha, Pisces Amphibia 4. Reptilia 5. Aves Mammalia 7 Comparative Anatomy:Integumentary System 8 Skeletal System Coelom and Digestive System 10 Respiratory System 11. Circulatory System Nervous System 13. Receptor Organs 14 Endocrine System 15 Urinogenital System 16 Embryology Some Comparative Charts of Protochordates 17 Some Comparative Charts of Vertebrate Animal Types 18 Index.

Lewin's GENES XII - Jocelyn E. Krebs 2017-03-02

Now in its twelfth edition, Lewin's GENES continues to lead with new information and cutting-edge developments, covering gene structure, sequencing, organization, and expression. Leading scientists provide revisions and updates in their individual field of study offering readers current data and information on the rapidly changing subjects in molecular biology.

Thorp and Covich's Freshwater Invertebrates - James H. Thorp 2014-09-06

Readers familiar with the first three editions of Ecology and Classification of North American Freshwater Invertebrates (edited by J.H. Thorp and A.P. Covich) will welcome the comprehensive revision and expansion of that trusted professional reference manual and educational textbook from a single North American tome into a developing multi-volume series covering inland water invertebrates of the world. The series entitled Thorp and Covich's Freshwater Invertebrates (edited by J.H. Thorp) begins with the current Volume I: Ecology and General Biology (edited by J.H. Thorp and D.C. Rogers), which is designed as a companion volume for the remaining books in the series. Those following volumes provide taxonomic coverage for specific zoogeographic regions of the world, starting with Keys to Nearctic Fauna (Vol. II) and Keys to Palaearctic Fauna (Vol. III). Volume I maintains the ecological and general biological focus of the previous editions but now expands coverage globally in all chapters, includes more taxonomic groups (e.g., chapters on individual insect orders), and covers additional functional topics such as invasive species, economic impacts, and functional ecology. As in previous editions, the 4th edition of Ecology and Classification of North American Freshwater Invertebrates is designed for use by professionals in universities, government agencies, and private companies as well as by undergraduate and graduate students. Global coverage of aquatic invertebrate ecology Discussions on invertebrate ecology, phylogeny, and general biology written by international experts for each group Separate chapters on invasive species and economic impacts and uses of invertebrates Eight additional chapters on insect orders and a chapter on freshwater millipedes Four new chapters on collecting and culturing techniques, ecology of invasive species, economic impacts, and ecological function of invertebrates Overall expansion of ecology and general biology and a shift of the even more detailed taxonomic keys to other volumes in the projected 9-volume series Identification keys to lower taxonomic levels

Text Book of Microbiology - 2010

Preface INTRODUCTION HISTORY OF MICROBIOLOGY EVOLUTION OF MICROORGANISM CLASSIFICATION OF MICROORGANISM NOMENCLATURE AND BERGEY'S MANUAL BACTERIA VIRUSES BACTERIAL VIRUSES PLANT VIRUSES THE ANIMAL VIRUSES ARCHAEA MYCOPLASMA PHYTOPLASMA GENERAL ACCOUNT OF CYANOBACTERIA GRAM -ve BACTERIA GRAM +ve BACTERIA EUKARYOTA APPENDIX-1 Prokaryotes Notable for their Environmental Significance APPENDIX-2 Medically Important Chemoorganotrophs APPENDIX-3 Terms Used to Describe Microorganisms According to Their Metabolic Capabilities QUESTIONS Short & Essay Type Questions; Multiple Choice Questions INDEX.

Environmental Biology - Sharma P D