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**KEY=MATHUR - ALEX MOHAMMED**

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## Animal Behaviour

*Rastogi Publications* **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**

## Animal Behaviour (Ethology)

*S. Chand Publishing* **This textbook covers all syllabus of B.Sc. classes of All Indian Universities and has been prepared according to U.G.C. model curriculum. Animal Behaviour deals with various types of behaviours of animals and also that of human beings.**

## Evolution and Behaviour

**1. Concept of Evolution 2. Origin of Life 3. Variation 4. Mutations 5. Isolation, Species and Speciation 6. Natural Selection Theory 7. Mimicry 8. Population Genetics and Evolution 9. Macroevolution and Microevolution 10. Phylogeny of Horse 11. Evolution of Man I ANIMAL BEHAVIOUR I 1. Introduction and Significance of Study of Animal Behaviour 2. Concepts and Patterns 3. Approach and Methods 4. Behavioural Genetics 5. Hormones and Drugs 6. Reproductive Behaviour in Animals: Courtship and Mating 7. Learning 8. Social Organization 9. Human Ethology 10. Sociobiology**

# Chordate Embryology

*S. Chand Publishing* Product Dimensions: 21x15x3 cm. 10 edition. Contents: **CONTENTS:1.Introduction 2.Cellular Basis of Development 3.DNA, RNA and Protein Synthesis 4.Male Gonads and Spermatogenesis 5. Female Gonads and Oogenesis 6.Semination, Ovulation and Transportation of Gametes 7.Reproductive Cycles . Fertilization 8 Parthenogenesis 9 Cleavage and Blastulation - Nucleus and Cytoplasm in Development 10 Fate Maps and Cell Lineage, Gastrulation , Neurulation, Morphogenesis and Growth 11 Embryogenesis of a Simple Ascidian - Embryogenesis of Amphioxus 12 Embryogenesis of Frog 13. Detailed Account of Organogenesis of Frog 14 Embryogenesis of Chick.15 Early Embryogenesis of Eutherian Mammal 16 Rabbit Placenta and Placentation 17 Gradient Theory 18 Embryonic Inductions and Competence 19 Differentiation Asexual Reproduction and Blastogenesis 20 Regeneration 21 Metamorphosis 22 Teratogenesis 23 Birth Control 24 Impotency, Sterility, Artificial Insemination, Test-tube Baby and GIFT, Glossary 25 Selected Reading 26 Index.**

# Economic Zoology Biostatistics and Animal Behaviour

**1. Economically Important Phytoparasitic Nematodes 2. Insect Pests of Some Economically Important Crops 3. Some Important Parasites and Pests 4. House Hold Insects 5. Mites and Ticks 6. Apiculture 7. Lac Culture 8. Sericulture 9. Edible Fresh Water Fishes 10. Fish Culture 11. Economic Importance of Fish 12. Fish Diseases 13. Poultry 14. Dairy Farming 15. Rat Menace and Its Control** **BIOSTATISTICS 1. An Introduction to Biostatistics 2. Graphic Representation of Frequency Distribution 3. Measures of Central Tendency 4. Measures of Validity 5. Normal Distribution Log/ Antilog Tables** **ANIMAL BEHAVIOUR 1. Introduction and Significance of Study of Animal Behaviour 2. Concepts and Patterns 3. Approach and Methods 4. Communication 5. Reproductive Behaviour in Animals: Courtship and Mating 6. Aggressive and Territorial Behaviour 7. Parental Behaviour 8. Behavioural Genetics**

# WILDLIFE BIOLOGY : AN INDIAN PERSPECTIVE

*PHI Learning Pvt. Ltd.* his book attempts to cover the whole gamut of wildlife in India portraying its different dimensions and conservation. Comprising thirteen chapters, the book is enriched with principles, theories, methods and tools of wildlife study, latest findings in Indian perspective including supportive data, and photographs of wildlife species in their natural

habitat inclusive of colour plates. The chapters on 'Wildlife tools and techniques', 'Special wildlife management programmes' and 'Wildlife legislations and initiatives' will certainly attract special attention of the readers. The students who wish to pursue career in wildlife biology will be benefited with the book as it provides comprehensive understanding of the common field methods in wildlife research. The present text is a pioneer effort of the authors to fulfill the course requirement of undergraduate and postgraduate students of wildlife biology and zoology. The book will be equally valuable for the wildlife conservationists, academicians and those who are actively engaged in wildlife research.

## Animal Behavior

### Creature Habits Revealed!

*Animal Behavior, LLC* Cartoon book containing 172 images (artwork)

## ECONOMIC ZOOLOGY.

### Working the Night Shift

## Women in India's Call Center Industry

*Stanford University Press* Relatively high wages and the opportunity to be part of an upscale, globalized work environment draw many in India to the call center industry. At the same time, night shift employment presents women, in particular, with new challenges alongside the opportunities. This book explores how beliefs about what constitutes "women's work" are evolving in response to globalization. Working the Night Shift is the first in-depth study of the transnational call center industry that is written from the point of view of women workers. It uncovers how call center employment affects their lives, mainly as it relates to the anxiety that Indian families and Indian society have towards women going out at night, earning a good salary, and being exposed to western culture. This timely account illustrates the ironic and, at times, unsettling experiences of women who enter the spaces and places made accessible through call center work. Visit the author's website at <http://www.working-the-nightshift.com> and facebook group.

# The Physics of Semiconductor Devices

## Proceedings of IWPSD 2017

*Springer* This book disseminates the current knowledge of semiconductor physics and its applications across the scientific community. It is based on a biennial workshop that provides the participating research groups with a stimulating platform for interaction and collaboration with colleagues from the same scientific community. The book discusses the latest developments in the field of III-nitrides; materials & devices, compound semiconductors, VLSI technology, optoelectronics, sensors, photovoltaics, crystal growth, epitaxy and characterization, graphene and other 2D materials and organic semiconductors.

## Fundamentals Of Animal Behaviour

### Practical Zoology Invertebrate

*Rastogi Publications*

## Data Science and Analytics

## 5th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2019, Gurugram, India, November 15–16, 2019, Revised Selected Papers, Part II

*Springer* This two-volume set (CCIS 1229 and CCIS 1230) constitutes the refereed proceedings of the 5th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2019, held in Gurugram, India, in November 2019. The 74 revised full papers presented were carefully reviewed and selected from total 353

submissions. The papers are organized in topical sections on data centric programming; next generation computing; social and web analytics; security in data science analytics; big data analytics.

## Mechanics

*S. Chand Publishing* The book presents a comprehensive study of important topics in Mechanics of pure and applied sciences. It provides knowledge of scalar and vector in optimum depth to make the students understand the concepts of Mechanics in simple, coherent and lucid manner and grasp its principles & theory. It caters to the requirements of students of B.Sc. Pass and Honours courses. Students of engineering disciplines and the ones aspiring for competitive exams such as AIME and others, will also find it useful for their preparations.

## Textbook Of Wildlife Management Text Book Library Edition

## Environmental Biology & Toxicology

*Rastogi Publications*

## Proceedings of 2nd International Conference on Communication, Computing and Networking ICCCN 2018, NITTTR Chandigarh, India

*Springer* The book provides insights from the 2nd International Conference on Communication, Computing and Networking organized by the Department of Computer Science and Engineering, National Institute of Technical Teachers Training and Research, Chandigarh, India on March 29-30, 2018. The book includes contributions in which researchers, engineers, and academicians as well as industrial professionals from around the globe presented their research findings and development activities in the field of Computing Technologies, Wireless Networks, Information Security, Image Processing and Data Science. The book provides opportunities for the readers to explore the literature, identify

gaps in the existing works and propose new ideas for research.

# Business Communication: Concepts, Cases and Applications (for Chaudhary Charan Singh University)

*Pearson Education India*

## TEXTBOOK OF ANIMAL BEHAVIOUR

*PHI Learning Pvt. Ltd.* This well-accepted book, now stands in its second edition, is a time-honoured revision and extension of the previous edition. Beginning with an introduction to the study of animal behaviour, the book explains the various aspects of behavioural biology incorporating a wealth of information from molecular biology, neurobiology, and socio-biology with a new approach. It describes different kinds of innate and learned behaviours, animal communications, defensive behaviours such as camouflage and mimicry with suitable illustrations. The book incorporates the introductory concepts of biomimicry in an attractive manner. Further, it discusses biorhythms, migration in fish and birds, in addition to evolution and physiological basis of migration. The text also presents the important aspects of socio-biology and social behaviours, such as feeding, adaptation, prey defence, territoriality, aggression, altruism, sexuality, and parental care. Finally, it provides discussions on behavioural ecology in the context of conservation biology, and human behaviour. The book presents the basic principles of animal behaviour with the aid of carefully selected examples from both the recent and classic literature along with an emphasis on readability. In the present edition, topics like eusociality and behavioural theories have been incorporated. This edition also includes as many as 11 published articles by the author on different topics related to the subject matter in box format to further strengthen the text. The book is primarily intended for the students of B.Sc./M.Sc. (Zoology/Life Science) for their courses. It would be useful for the researchers in the field of animal behaviour, and conservation biologists. It would also attract readership studying Sociology and Anthropology. **KEY FEATURES :** Presents a well-balanced view of ethology. Discusses the current development in the field. Includes a glossary of important terms. Offers end-of-chapter questions to check the students' understanding of the concepts.

# Practical Zoology: Vol. 3

*Rastogi Publications*

## Microorganisms in Sustainable Agriculture and Biotechnology

*Springer Science & Business Media* **This review of recent developments in our understanding of the role of microbes in sustainable agriculture and biotechnology covers a research area with enormous untapped potential. Chemical fertilizers, pesticides, herbicides and other agricultural inputs derived from fossil fuels have increased agricultural production, yet growing awareness and concern over their adverse effects on soil productivity and environmental quality cannot be ignored. The high cost of these products, the difficulties of meeting demand for them, and their harmful environmental legacy have encouraged scientists to develop alternative strategies to raise productivity, with microbes playing a central role in these efforts. One application is the use of soil microbes as bioinoculants for supplying nutrients and/or stimulating plant growth. Some rhizospheric microbes are known to synthesize plant growth-promoters, siderophores and antibiotics, as well as aiding phosphorous uptake. The last 40 years have seen rapid strides made in our appreciation of the diversity of environmental microbes and their possible benefits to sustainable agriculture and production. The advent of powerful new methodologies in microbial genetics, molecular biology and biotechnology has only quickened the pace of developments. The vital part played by microbes in sustaining our planet's ecosystems only adds urgency to this enquiry. Culture-dependent microbes already contribute much to human life, yet the latent potential of vast numbers of uncultured—and thus untouched—microbes, is enormous. Culture-independent metagenomic approaches employed in a variety of natural habitats have alerted us to the sheer diversity of these microbes, and resulted in the characterization of novel genes and gene products. Several new antibiotics and biocatalysts have been discovered among environmental genomes and some products have already been commercialized. Meanwhile, dozens of industrial products currently formulated in large quantities from petrochemicals, such as ethanol, butanol, organic acids, and amino acids, are equally obtainable through microbial fermentation. Edited by a trio of recognized authorities on the subject, this survey of a fast-moving field—with so many benefits within reach—will be required reading for all those investigating ways to harness the power of microorganisms in making both agriculture and biotechnology more sustainable.**

# Engineering Mathematics

*Krishna Prakashan Media*

# Environmental Biology

*Rastogi Publications*

# PRACTICAL ZOOLOGY.

# Fundamentals of Wildlife Management

**Here is a single volume bible on wildlife management from India's leading expert. He leaves no aspect untouched as he puts all his experience into a book for future generations.**

# Modern Text Book of Zoology: Invertebrates

*Rastogi Publications*

# Recent Trends in Image Processing and Pattern Recognition

# Third International Conference, RTIP2R 2020, Aurangabad, India, January 3-4, 2020, Revised Selected Papers, Part II

*Springer Nature* **This two-volume set constitutes the refereed proceedings of the Third International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R) 2020, held in Aurangabad, India, in January 2020. The 78 revised full papers presented were carefully reviewed and selected from 329 submissions. The papers are organized in topical sections in the two volumes. Part I: Computer vision and applications; Data**

science and machine learning; Document understanding and Recognition. Part II: Healthcare informatics and medical imaging; Image analysis and recognition; Signal processing and pattern recognition; Image and signal processing in Agriculture.

## Animal Physiology

*S. Chand Publishing* For B.Sc., B.Sc.(Hons.) and M.Sc. Classes of All Indian Universities

## Elements of Entomology

*Rastogi Publications*

## Ecology And Environment

*Rastogi Publications* 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 Viewpoint 16. Global Warming and Climate Change 17.

## Soft Computing and Machine Learning with Python

*Arcler Press* **Soft Computing and Machine Learning with Python** examines various aspects of machine learning with python with a detailed information on soft computing. It includes four different sections, where section 1 and 2 are dedicated towards soft computing theory and machine learning techniques and on the other hand section 3 and 4 are dedicated to the details of python language and machine learning with python. Provides the reader with the insights into the development of python and machine learning, so as to understand the classification multigraph models of secondary RNA structure using graph-theoretic descriptors.

## The Encyclopedia of Applied Animal Behaviour and Welfare

*CABI* The practical focus of this authoritative, comprehensive encyclopedia promotes the understanding and improvement of animals' behaviour

without compromising welfare. It will be an essential resource for practising veterinarians, researchers and students in zoology and ethology, and for all those working with and interested in animals and their welfare. --Book Jacket.

## Cure Yourself

### Apna Ilaj, Apne Haath

*Shanta Publishing House* The book is a treatise on organ-wise cleansing of the body to get rid of accumulated toxins caused by pollution, parasites and unhealthy lifestyle. 'Cure Yourself'

## Design Struggles

### Intersecting Histories, Pedagogies, and Perspectives

This publication offers a critical assessment of the complicity of design in creating, perpetuating, and reinforcing social, political, and environmental problems, both today and in the past. It proposes going against the grain by problematising Western notions of design to foster situated, decolonial, and queer-feminist modes of disciplinary self-critique, and looks at design through the intersections of gender, culture, ethnicity, and class. Applying robust scholarly insight with engaging and accessible modes of conveyance and storytelling, an urgent and expansive array of voices and views emerge from those engaged in struggles with, against, or around the field of design.

## Text Book Of Animal Breeding

### Indian Mammals

#### A Field Guide

*Hachette UK* An invaluable reference and exceptionally usable guide to the mammals of India Covering the rich diversity of mammal species in India, from tigers, elephants, rhinos and whales to primates, rodents and bats, *Indian Mammals* is a comprehensive, field-ready and illustrated guide. Accompanied by superb full-colour photographs, supplementary illustrations and distribution maps, and based on impeccable scientific research reviewed by experts, *Indian Mammals* records details of virtually

every mammal known to exist in India. The in-depth, up-to-date text by Vivek Menon, one of India's leading naturalists and an authority on Indian wildlife, describes key identification features, biometrics, behaviour, social strategies, habitat and distribution. Encyclopaedic in sweep yet accessible in approach, *Indian Mammals* includes the majestic and most sought after as well as the extraordinary and elusive mammals. Passionate wildlife watchers will appreciate the range of coverage and tips on identifying mammals, while naturalists will value the exacting detail needed to distinguish similar species in the field. Planned for easy reference, this compact guide is the essential resource for wildlifers of any age, from animal watchers and eco-tourists to active conservationists. • More than 400 species of both land and water mammals with introductory pages on each order • Over 1,000 carefully curated photographs • Nearly 150 distribution maps • Colour tabs for sections to facilitate ease of use • The full index doubles up as a life-list • Field notes reveal uncommon on-site experiences

## Logistical Asia

# The Labour of Making a World Region

*Springer* This book explores how the management science of logistics changes working lives and contributes to the making of world regions. With a focus on the port of Kolkata and changing patterns of Asian regionalism, the volume examines how logistics entwine with political power, historical forces, labour movements, and new technologies. The contributors ask how logistical practices reconfigure both Asia's relation to the world and its internal logic of transport and communication. Building on critical perspectives that understand logistics as a political technology for producing and organizing space and power, *Logistical Asia* tracks how digital technologies and material infrastructure combine to remake urban and regional territories and produce new forms of governance and subjectivity.

## The Blue Umbrella

In exchange for her lucky leopard's claw pendant, Binya acquires a beautiful blue umbrella that makes her the envy of everyone in her village, especially Ram Bharosa, the shop-keeper. Ruskin Bond's short and humorous novella, set in the picturesque hills of Garhwal, perfectly captures life in a village, where both heroism and redemption can be found.

# Principles of Animal Physiology

**Principles of Animal Physiology, Second Edition** continues to set a new standard for animal physiology textbooks with its focus on animal diversity, its modern approach and clear foundation in molecular and cell biology, its concrete examples throughout, and its fully integrated coverage of the endocrine system. Carefully designed, full-color artwork guides students through complex systems and processes while in-text pedagogical tools help them learn and remember the material. The book includes the most up-to-date research on animal genetics and genomics, methods and models, and offers a diverse range of vertebrate and invertebrate examples, with a student-friendly writing style that is consistently clear and engaging.

## The Elephant And The Cassowary

*Rupa Publications* There was a clumsy flapping of wings, a tremendous swelling of the bird's wattle and an undignified getting up, as if it were a floored boxer doing his best to beat the count of ten. Two mismatched animals meet and the result is a hilarious tale of how one got the better of the other. A photographer takes pictures of animals in the wild and writes about the hidden and mysterious world of the jungle. A tiger, used to its habitat, has to keep running from the humans who take up his home, till he has no more place for escape. Filled with descriptions of animals both in the wild and at home, of jungles and of the people who wander the forests in search of animals, this collection contains stories that are exhilarating and thought-provoking.