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# Biology Practical Gazi Ajmal Book

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India Wins Freedom  
 Managing Common and Uncommon Complications of Aesthetic Breast Surgery  
 Sabkha Ecosystems  
 Islam and Healing  
 The Sikhs in History  
 Ahmadiyya Muslim Jama'at in the Lens of Cognitive Science of Religion  
 Recent Advances and Applications  
 Advances in Bioremediation and Phytoremediation for Sustainable Soil Management  
 Prospects for Saline Agriculture  
 Select Proceedings of HSFEA 2016  
 Advances in Vision Research, Volume II  
 ECONOMIC ZOOLOGY.  
 Issues and Impacts  
 Molecular, Genetics and Genomic Perspectives  
 History of Biology  
 Volume IV: Cash Crop Halophyte and Biodiversity Conservation  
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**BROOKLYNN RORY**

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India Wins Freedom

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 This book presents the

most recent innovative studies in the field of water resources for arid areas to move towards more sustainable management of the resources. It gathers outstanding contributions presented at the 2nd International Water Conference on Water Resources in Arid Areas (IWC), which was held online (Muscat, Oman) in November 2020. Papers discuss challenges and solutions to alleviate water resource scarcity in arid areas, including water resources management, the introduction of modern irrigation systems, natural groundwater recharge, construction of dams for artificial recharge, use of treated wastewater, and desalination technologies. As such, the book provides a platform for the exchange of recent advances in water resources research, which are essential to improving the critical water situation and to move towards more sustainable management of water resources.

**Managing Common and Uncommon Complications of Aesthetic Breast Surgery** Routledge

This edited volume deals with the understanding of

the issues concerned with the pollution caused by toxic elements and heavy metals and their impacts on the different agro-ecosystems as well as the techniques involved in sustainable remediation and amelioration of polluted soils.

Furthermore, the book is a detailed comprehensive account for the treatment technologies from unsustainable to sustainable which includes chapters prepared by professionals with expertise in environmental microbiology, biotechnology, bioremediation, and environmental engineering. It focuses on the characterization, reclamation, bioremediation, and phytoremediation of polluted soils. The research presented also highlights some of the significantly important plant and microbial species involved in remediation, the physiology, biochemistry, and the mechanisms of remediation by various plants and microbes, and suggestions for future improvement of bioremediation technology. It offers insights into the current focus and recent

advances in bioremediation and green technology applications for sustainable soil management.

**Sabkha Ecosystems** UN Highlights what we know about the pathways pursued by embryos and evolution, and stresses what we do not yet know.

**Islam and Healing**

Springer

Traces the Islamic healing tradition's interaction with Indian society and politics as these evolved in tandem from 1600 to 1900, and demonstrates how an in-house struggle for hegemony can be as potent as external power in defining medical, social and national modernity. A pioneering work on the social and medical history of Indian Islam.

*The Sikhs in History*

Springer

This book presents a detailed description, analysis, comparison of the latest research and developments in photovoltaic energy. Discussing everything from semiconductors to system integration, and applying various advanced technologies to stand alone and electric utility interfaced in normal and abnormal operating conditions of PV systems, this book provides a thorough introduction to

the topic. This book brings together research from around the world, covering the use of technologies such as embedded systems, the Internet of things and blockchain technologies for PV systems for different applications including controllers, solar trackers and cooling systems. The book is of interest to electronic and mechanical engineers, researchers and students in the field of photovoltaics.

Ahmadiyya Muslim Jama'at in the Lens of Cognitive Science of Religion John Wiley & Sons

This book is a compendium of research efforts and findings on the sources, occurrences, hydrochemistry, and several operating variables that influence the presence of oxyanions in aqua system. The content of this book has been designed to provide an insightful account of an array of innovative technologies for the management of the impacts of oxyanions in water, the progress and drawbacks of these technologies and those that have been effectively deployed to transform oxyanions in water to beneficial species. This

book further x-rays global laws and economic policies targeted at effectively curtailing the presence of harmful oxyanions in water, challenges facing these policies, and future perspectives on how best to reduce the level of these harmful oxyanions in water to safe limit. The book is relevant to water professionals, policy makers, academics, and research students.

*Recent Advances and Applications* Springer

This volume discusses recent advancements to the age old practice of using microbial enzymes in the preparation of food. Written by leading experts in the field, it discusses novel enzymes and their applications in the industrial preparation of food to improve taste and texture, while reducing cost and increasing consistency. This book will be of interest to both researchers and students working in food technology.

*Advances in Bioremediation and Phytoremediation for Sustainable Soil Management* Springer Nature

The Regional State of Coast Report for the western Indian Ocean (WIO) is the first

comprehensive regional synthesis to provide insights into the enormous economic potential around the WIO, the consequential demand for marine ecosystem goods and services to match the increasing human population, the pace and scale of environmental changes taking place in the region and the opportunities to avoid serious degradation in one of the world's unique and highly biodiverse oceans.

Prospects for Saline Agriculture MDPI

A book to cover developments in corrosion inhibitors is long overdue. This has been addressed by Dr Sastri in a book which presents fundamental aspects of corrosion inhibition, historical developments and the industrial applications of inhibitors. The book deals with the electrochemical principles and chemical aspects of corrosion inhibition, such as stability of metal complexes, the Hammett equation, hard and soft acid and base principle, quantum chemical aspects and Hansch's model and also with the various surface analysis techniques, e.g. XPS, Auger, SIMS and Raman

spectroscopy, that are used in industry for corrosion inhibition. The applications of corrosion inhibition are wide ranging. Examples given in this book include: oil and gas wells, petrochemical plants, steel reinforced cement, water cooling systems, and many more. The final chapters discuss economic and environmental considerations which are now of prime importance. The book is written for researchers in academia and industry, practicing corrosion engineers and students of materials science, engineering and applied chemistry.

Select Proceedings of HSFEA 2016 Springer Nature

Maulana Azad is considered one of the greatest Urdu writers of the 20th century. He has written many books including India Wins Freedom, Ghubar-e-Khatir, Tazkirah, Tarjumanul Quran, etc. It is often said that his book India wins Freedom is about his political life and Ghubar-e-Khatir deals with his social and spiritual life.

**Advances in Vision Research, Volume II**

Springer Nature

This book presents the

first comprehensive assessment of water resources in Pakistan including surface water resources and groundwater resources. It gives a detailed overview of issues and challenges related to water which have not been adequately addressed e.g. water resource vulnerability to climate change, groundwater depletion and contamination, and water governance etc. It includes a collection and compilation of unpublished and scattered data from the archives and repositories of various national institutions and organization. Given the literature dearth, this book will not only be a comprehensive assessment of water resources in Pakistan but can also can as outstanding textbook on water resource management in Pakistan. It will attract a great range of readership including water specialists, researchers, undergraduate and post graduate students and policy makers from Pakistan as well as from overseas.

ECONOMIC ZOOLOGY.

Springer Nature

In the mid 1950s, a British taxi driver named George

King claimed that Budha, Jesus, and Lao Tzu had been alien "cosmic masters" who had come to earth to teach mankind the right way to live. Sun Myung Moon claimed that Korean people are descendants of the lost tribes of Israel. Joseph Smith claimed that some lost tribes of Israel had moved to Americas hundreds of years ago. All three people successfully founded new religious movements that have survived to this day. How and why do some people come up with such seemingly strange and bizarre ideas and why do others come to place their faith in these ideas? The first part of this book develops a multidisciplinary theoretical framework drawn from cognitive science of religion and social psychology to answer these critically important questions. The second part of the book illustrates how this theoretical framework can be used to understand the origin and evolution of the Ahmadiyya Muslim Jama'at founded by an Indian Muslim in 1889. The book breaks new ground by studying the influence that religious beliefs of 19th century reformist Indian Muslims,

in particular, founders of the Ahl-e-Hadith movement, had on the beliefs of Mirza Ghulam Ahmad, the founder of the Ahmadiyya Muslim Jama'at. Using the theoretical framework developed in part I, the book also explains why many north Indian Sunni Muslims found Ahmad's ideas to be irresistible and why the movement split into two a few years after Ahmad's death. The book will interest those who want to understand cults as well as those who want to understand reformist Islamic movements.

#### Issues and Impacts

Penguin

This book aims to cover all the GCSE Physics material needed to meet the specifications of the examining boards Edexcel, AQA, WJEC and OCR (both 21st Century Science and Gateway) both for single and double awards. The content also covers the additional topics necessary for the Physics GCSE single award. It is the third book in the series following 'Biology at a Glance' and 'Chemistry at a Glance' and it encourages learners to use a mind mapping approach to revision. Just like the other books in the series, each page contains clear

annotated illustrations that will help the reader to assimilate the facts quickly and commit them to memory. The book covers force and energy, energy and its transfer (including waves, electrical and thermal energy), electromagnetism and radioactivity. It goes on to describe a wide range of the practical applications of physics and concludes with material on our place in the universe. To comply with the latest GCSE specifications, 'How Science Works' permeates all aspects of the book which also provides questions on all the topics covered, to reinforce skills and understanding.

#### Molecular, Genetics and Genomic Perspectives

Springer

Offering the perspective of seasoned surgeons who have seen, thought about, and worked through the common and uncommon problems that can arise in aesthetic breast surgery, this book serves as a reference to guide surgeons through the steps of understanding, potentially avoiding, and then treating these issues. Managing Common and Uncommon Complications of Aesthetic Breast Surgery is methodical in its

approach, beginning with key relevant highlights of embryology and anatomy of the breast and continuing into common problems in breast surgery, implant-related surgery, breast lifts and reductions. A variety of pitfalls are also explored from rupture, capsular contracture, and implant malposition to the rare and uncommon surface-texture related lymphoma. Every process is explored in depth with carefully crafted, practical, and experientially tested solutions proposed. Featuring real patient photos, detailed tables, and high definition videos for supplemental learning, this text is a one-stop reference to help surgeons understand, manage, and treat complications in aesthetic breast surgery both common and uncommon.

#### History of Biology

Springer Nature

This second volume continues with a focus on the state of the art in genetic eye research in Asia and the Pacific. Though there has been an explosion of information on genetic eye research in western countries, more than sixty percent of the human genes involved in eye diseases in the Asian

and Pacific population remain unknown. However, new efforts and a new awareness have sparked important discussions on the subject, and new plans are being implemented to discover the genes responsible for many eye diseases in the population. The book reviews the latest findings; its content ranges from genetic aspects of human migration to DNA sequence analysis, genome-wide association analysis, and disease phenotypes. The efforts of the Asian Eye Genetic Consortium (AEGC) are also discussed. The book's editors have been instrumental in developing strategies for discovering the new Asian genes involved in many eye diseases. All chapters were written by leading researchers working on Asian eye genetics from the fields of Human Genetics, Ophthalmology, Molecular Biology, Biochemistry, Sensory Sciences, and Clinical Research. *Advances in Vision Research, Volume II* will prove to be a major resource for all researchers, clinicians, clinical researchers, and allied eye health professionals with an

interest in eye diseases among the Asian population.  
Volume IV: Cash Crop Halophyte and Biodiversity Conservation  
 Springer Nature  
 This book explores the various historical and cultural aspects of scientific, medical and technical exchanges that occurred between central Europe and Asia. A number of papers investigate the printing, gunpowder, guncasting, shipbuilding, metallurgical and drilling technologies while others deal with mapping techniques, the adoption of written calculation and mechanical clocks as well as the use of medical techniques such as pulse taking and electrotherapy. While human mobility played a significant role in the exchange of knowledge, translating European books into local languages helped the introduction of new knowledge in mathematical, physical and natural sciences from central Europe to its periphery and to the Middle East and Asian cultures. The book argues that the process of transmission of knowledge whether theoretical or practical was not a simple and one-

way process from the donor to the receiver as it is often admitted, but a multi-dimensional and complex cultural process of selection and transformation where ancient scientific and local traditions and elements. The book explores the issue from a different geopolitical perspective, namely not focusing on a singular recipient and several points of distribution, namely the metropolitan centres of science, medicine, and technology, but on regions that are both recipients and distributors and provides new perspectives based on newly investigated material for historical studies on the cross scientific exchanges between different parts of the world.

**What Abnormal Anatomies Reveal about Normal**

**Development** Oxford University Press, USA

Bibhutibhusan Bandyopadhyay was one of the greatest writers in modern Bengali literature, best known for his autobiographical novel *Pather Panchali*, which, along with another of Bandyopadhyay's books, formed the basis for Satyajit Ray's classic *Apu Trilogy*. In this semi-

autobiographical novel, Satyacharan is a young graduate in 1920s Calcutta, who, unable to find a job in the city, takes up the post of a 'manager' of a vast tract of forested land in neighboring Bihar. As he is increasingly enchanted and hypnotized by the exquisite beauty of nature, he is burdened with the painful task of clearing this land for cultivation. As ancient trees fall to the cultivator's axe, indigenous tribes--to whom the forest had been home for millennia--lose their ancient way of life. The promise of 'progress' and 'development' brings in streams of landless laborers, impoverished schoolmasters and starving boys from around the region, and the narrator chronicles in visionary prose the tale of destruction and dispossession that is the universal saga of man's struggle to bend nature to his will. Written in 1937-39, and now available in English translation, Aranyak is an unforgettable account of hard lives in a place of vanishing beauty, preserved here for all time by a brilliant artist. Historical Studies on the Transmission, Adoption

and Adaptation of Knowledge Springer  
This is one of the epics from Dr. Ambedkar. Written in 1945 the book really explains the dynamics of Hindu Mahasabha and Muslim League and how Congress and British Government played a role in partition. Although this book takes you to the unheard side of partition, it is interesting on how linguistic approach was chosen for a division of something that is unsure if it existed. Dr. Ambedkar takes a fine approach of giving a clarity of situation instead of been judgmental on the partition. No wonder the man was chosen to write our constitution. Of course if the war of majority and minority is kept away, the partition and its tragedy can be ready more fluently. *Progress and Prospects in the Management of Oxyanion Polluted Aqua Systems* Springer  
This book features high-quality, peer-reviewed papers from the International Conference on Recent Advancement in Computer, Communication and Computational Sciences (RACCCS 2019), held at Aryabhatta College of Engineering & Research Center, Ajmer, India, on

August 16-17, 2019. Presenting the latest developments and technical solutions in computational sciences, it covers a variety of topics, such as intelligent hardware and software design, advanced communications, intelligent computing technologies, advanced software engineering, the web and informatics, and intelligent image processing. As such it helps those in the computer industry and academia to use the advances in next-generation communication and computational technology to shape real-world applications.

#### **Water Resources in Arid Lands: Management and Sustainability**

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Breast augmentation paired with mastopexy is often regarded as a challenging procedure since it is essentially two surgeries in one. Because of the complexity of the dual procedure, as well as the careful planning required, many doctors avoid performing these surgeries together, instead preferring their patient to undergo two separate surgeries. These

two procedures can be safely performed with methodical planning and intra operative execution. This book provides not only insight and instruction on a variety of mastopexy procedures and accompanying types of breast augmentation, but it will also help the clinician determine the optimal surgery for each individual patient.

Primarily meant for practicing aesthetic plastic surgeons, Augmentation Mastopexy -- Mastering the Art in the Management of the Ptotic Breast will also find use among plastic surgery fellows and plastic surgery residents. Unlike some of the competitive literature that briefly touches on the topic or simply provides an

overview, the information provided is methodical and comprehensive, providing a wealth of color images to accompany the techniques described. Case studies with long-term follow up are also included, offering not only an understanding of potential pitfalls but a veritable how-to for handling complications when they do arise.

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