

Arup Kumar Kundu

- A handy, lucid, concise, updated as well as truly student oriented book dealing with common medical presentations.
- A distillation of the author's vast experience while answering questions for patients and health professionals.
- Each chapter can be regarded as a window of medicine
- Emphasises on aetiology, differential diagnosis, diagnosis and management.

Handbook of Internal Migration in India is an inter-disciplinary, multi-faceted and thought-provoking book on internal migrants and their dynamics among the states in India. The first of its kind, this handbook provides novel information on processes, trends, determinants, differentials and dynamics of internal migration and its inter-linkages with individuals, families, economy and society. Most of the chapters have been written by scholars of repute who have spent their lifetime working on migration and the factors associated with it. This handbook is an attempt to address the lacunae in internal migration studies using both big data, such as Indian censuses, National Sample Surveys, India Human Development Surveys and Kerala Migration Surveys, and micro-level data collected by enthusiastic researchers in most parts of India to explore the unknown facets of internal migration. This book employs interdisciplinary and mixed methods to examine issues such as climate change, gender, urbanization, caste/tribe, religion, politics and emergence of migration policies. It addresses the crucial question as to why temporary and short-term migration continues to be an important livelihood strategy for millions of migrants thereby having an everlasting impact on the sociopolitical and economic structure of the country.

This book contains analytical presentations of the science of Clinical Paediatrics. Each section

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of the book has lucid and systematic description of history taking and clinical examination followed by diagnostic clinical information on common cases in Paediatric Medicine.

Rev. ed. of: Davidson's clinical cases. 2008.

Soil harbours a wide range of microorganisms with biotic potentials which can be explored for social benefits. The book *Frontiers in Soil and Environmental Microbiology* comprises an overview of the complex inter-relationship between beneficial soil microbes and crop plants, and highlights the potential for utilisation to enhance crop productivity, bioremediation and soil health. The book focusses on important areas of research such as biocide production, pesticide degradation and detoxification, microbial decay processes, remediation of soils contaminated with toxic metals, industrial wastes, and hydrocarbon pollutants. Features

Presents the state of the art of microbial research in environmental and soil microbiology
Discusses an integrated and systematic compilation of microbes in the soil environment and its role in agriculture and plant growth and productivity
Elucidates microbial application in environmental remediation
Explores advanced genomics topics for uncultivable microbes of soil

Hutchison's *Clinical Methods*, first published over a century ago, is the classic textbook on clinical skills. It provides an outstanding source of learning and reference for undergraduate medical students and postgraduate doctors. It seeks to teach an integrated approach to clinical practice, so that new methods and investigations are grafted onto established patterns of clinical practice, rather than added on as something extra. The text is organised so that both system-related and problem-oriented chapters

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are included. Particular emphasis is placed on the importance of the doctor-patient relationship, the essential skills needed for clinical examination, and for planning the appropriate choice of investigations in diagnosis and management. Provides a comprehensive account of the traditional methods of patient history-taking and examination but updated with a full account of the role of modern investigative techniques. A book for students of all ages and all degrees of experience. The most comprehensive account of clinical methods on the market. This long established textbook of clinical method has been thoroughly revised, with fewer chapters, so as to concentrate on the basic principles of history and examination in all the various clinical settings which medical students need to master. A new chapter concentrates on the assessment of patients presenting as emergencies. A new editorial team on this 23rd Edition maintains the highest standards of content and presentation.

Size Up the Short- and Long-Term Effects of GrapheneThe Graphene Science Handbook is a six-volume set that describes graphene's special structural, electrical, and chemical properties. The book considers how these properties can be used in different applications (including the development of batteries, fuel cells, photovoltaic cells, and supercapac

Essential Orthopaedics is the fifth edition of this highly illustrated resource, ideal for undergraduate revision. Each of the 48 chapters has been thoroughly revised and updated, and an MCQs section has been added to the end of each chapter to aid

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revision. The chapters begin with a brief review of the relevant anatomy, before discussing basic principles and treatment, with various methods and their indications. The broad range of topics includes anatomy of bone and fracture healing, deformities and their management, bone tumours, spinal injuries and degenerative disorders. Orthopaedic injuries to specific parts of the body are given individual chapters, for example injuries around the elbow, and injuries to the leg, ankle and foot. Essential Orthopaedics provides a chapter on recent advances in the treatment of fractures, offering the most up-to-date information in this constantly changing field. Presenting a practical approach to various common emergencies, enhanced by sections on orthopaedic terminology and over 380 full colour images and illustrations, this book is an invaluable revision resource for undergraduate medical students. Key Points Fifth Edition of orthopaedic revision resource Previous edition published 2012 (9788184655421) MCQ and terminology sections to aid revision 382 full colour images and illustrations

Advanced Computing, Networking and Informatics are three distinct and mutually exclusive disciplines of knowledge with no apparent sharing/overlap among them. However, their convergence is observed in many real world applications, including cyber-security, internet banking, healthcare, sensor networks, cognitive radio, pervasive computing amidst many others. This two-volume proceedings explore the combined use of Advanced Computing and Informatics in the next generation wireless networks

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and security, signal and image processing, ontology and human-computer interfaces (HCI). The two volumes together include 148 scholarly papers, which have been accepted for presentation from over 640 submissions in the second International Conference on Advanced Computing, Networking and Informatics, 2014, held in Kolkata, India during June 24-26, 2014. The first volume includes innovative computing techniques and relevant research results in informatics with selective applications in pattern recognition, signal/image processing and HCI. The second volume on the other hand demonstrates the possible scope of the computing techniques and informatics in wireless communications, networking and security.

The book is written, realising the basic needs of a student appearing for the theoretical, oral and practical examinations. The book comprises of individual cases, which has been described in an order of case taking, history writing, examination, diagnosis and management.

Bedside Clinics In Medicine Part I- Long Short Spot Cases, 5/e Pearls in Medicine for Students Jaypee Brothers, Medical Publishers Pvt. Limited
Beginners Guide to Clinical Medicine CBS Publishers & Distributors Pvt Limited, India
Mcqs in Internal Medicine
BEDSIDE CLINICS IN OBSTETRIC CLINICS TO CARE WITH ILLUSTRATIONS
Academic Publishers

This book provides accessible and practical advice on medical dermatology that meets the needs of healthcare professionals working in hospitals. It will also be of

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value to those working in the community, and to medical students.

Single Best Answer (SBA) examinations are an increasingly popular means of testing medical students and those undertaking postgraduate qualifications in a number of subject areas. Written by a final year medical student, junior doctors and experienced clinicians, 500 Single Best Answers in Medicine provides invaluable guidance from authors who unde

Essentials of Bedside Cardiology, Second Edition, like the first edition, is designed for those who wish to balance technological advances with increased personal skill in history taking and physical examination. It is important to teach physicians that all technologies now in use for diagnosing cardiovascular disorders, such as echocardiography, can have false positive and false negative results. It is not always wise to rely on these technologies alone; indeed, they may not even be available in some settings. Even when the full panoply of up-to-date techniques is at the physician's disposal, the patient may not be a good candidate for an echocardiogram, or the technician or reader may not be well qualified, or the equipment itself may be substandard. Technology must be combined with physical examination to decide what is true and what is false. The practice of expert history taking and physical examination returns the physician to the actual patient, where the physician can feel like a "real doctor" rather than a

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mere interpreter of laboratory data. Essentials of Bedside Cardiology, Second Edition, strives to teach and not simply to tell the facts, relying on three basic methods derived from the psychology of teaching and learning: 1. Explain the facts. 2. Use a question and answer format-the Socratic method. 3. Provide tricks or mnemonics to help the reader remember the facts.

The new edition of this revision manual provides students with the latest advances and information in medicine. Divided into 25 chapters, the text covers the diagnosis and management of diseases and disorders in all medical subspecialties. The second edition has been fully revised and features new topics including recent advances, new drugs, geriatrics, and immunology. Disease aetiology, diagnostic procedures, radiological investigations and basics of ECG readings are discussed in depth. Important clinical examination-oriented questions are included in each section, with key points emphasised to assist revision. The comprehensive text is highly illustrated with clinical photographs and diagrams. Important management techniques are highlighted in coloured tables. Key points Comprehensive revision manual covering all medical subspecialties for undergraduates Fully revised, second edition featuring many new topics Includes clinical examination-oriented questions to assist revision Previous edition (9789386056610) published in 2016

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This book provides innovative ideas on achieving sustainable development and using green technologies to conserve our ecosystem. Innovation is the successful exploitation of a new idea. Through innovation, we can achieve MORE while using LESS. Innovations in science & technology will not only help mankind as a whole, but also contribute to the economic growth of individual countries. It is essential that the global problem of environmental degradation be addressed immediately, and thus, we need to rethink the concept of sustainable development. Indeed, new environmentally friendly technologies are fundamental to attaining sustainable development. The book shares a wealth of innovative green technological ideas on how to preserve and improve the quality of the environment, and how to establish a more resource-efficient and sustainable society. The book provides an interdisciplinary approach to addressing various technical issues and capitalizing on advances in computing & optimization for scientific & technological development, smart information, communication, bio-monitoring, smart cities, food quality assessment, waste management, environmental aspects, alternative energies, sustainable infrastructure development, etc. In short, it offers valuable information and insights for budding engineers, researchers, upcoming young minds and industry professionals, promoting awareness for recent advances in the various fields mentioned above.

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The ninth edition of this best-selling textbook of clinical medicine builds even further on its formidable, prize-winning formula of excellence, comprehensiveness and accessibility. 'This book is stunning in its breadth and ease-of-use. It still remains the "gold standard", thorough guide to clinical medicine its forefathers were.' BMA Medical Book Awards judges. New to this edition: 2 new chapters: Global Health and Women's Health. 25 new authors. New online editor, Adam Feather, with a team of young doctors to augment the e-book which accompanies the print book with clinical tips, key learning points, drug tips, learning challenges, case studies and MCQs. Full text redesign to incorporate: New system overview diagrams for clinical chapters. New coloured headings to help identify content relating to disease, management, investigations etc. New icons to aid text navigation. 11 new members and a new co-editor, Senaka Rajapakse, of the International Advisory Board. Edited by Kumar and Clark, clinicians and educators of world-renowned expertise. Authors comprise consultants at the top of their fields, paired with younger doctors closer to the exam experience, to ensure authority and relevance. Enhanced e-book accompanies the print book, for ease of transportation and use on the move. International Advisory Board, led by Professor Janaka de Silva and Professor Senaka Rajapakse, providing guidance for global coverage from across the

world. Contributions to the e-book by members of the International Advisory Board to amplify areas of clinical importance in their parts of the world. The book features research papers presented at the International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2018) held at the University of Engineering & Management, Kolkata, India, on February 23–25, 2018. It comprises high-quality research by academics and industrial experts in the field of computing and communication, including full-length papers, research-in-progress papers, case studies related to all the areas of data mining, machine learning, IoT and information security.

This book is a comprehensive reference bringing gynaecologists and trainees up to date with the latest advances in their field. Divided into eight sections, the text begins with discussion on history taking and investigations. The following chapters provide a selection of clinical case studies detailing the diagnosis and management of different gynaecological disorders. Some cases are presented in question and answer format to assist understanding. The remaining sections of the book cover reproductive physiology, birth control, surgical instruments, specimens, and imaging. The chapters on instruments give particular focus to endoscopic surgery. The text concludes with research questions for students. Topics in the book correspond with those in practical and oral examinations and

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the text is further enhanced by clinical photographs, diagrams, radiological images and tables. Key points Comprehensive guide providing latest advances in diagnosis and management of gynaecological disorders Features clinical case studies, some presented in question and answer format for ease of understanding Includes research questions for students Highly illustrated with photographs, diagrams, radiological images and tables

This new edition has been fully revised to present students with the latest developments in the field of clinical medicine. Divided into nineteen sections, the book covers all systems of the body, providing in depth explanations of disease aetiology, clinical features, diagnosis, management, and complications. Each topic is highly illustrated with clinical photographs, tables and diagrams with explanations. A 'miscellaneous' chapter covers topics such as nutrition, metabolic syndrome, chemical warfare, drugs with multiple indications, stem cell therapy and more. The final sections, 'Notes' and 'What's New', are new to this edition and provide the latest terminology, drug tips and references to help students in their preparation for exams. Key Points Fully revised, new edition providing students with the latest developments in clinical medicine Covers disease diagnosis and management in all systems of the body Highly illustrated with nearly 3000 clinical photographs, diagrams, tables and algorithms across

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more than 1000 pages Previous edition (9789380206348) published in 1999 This handbook is a guide to best practice in interventions commonly encountered in the ICU. It is clinically orientated providing :step-by-step explanations and illustrations of most invasive procedures, check lists to make sure the indication is right, check lists to ensure appropriate assessment once the procedure has been carried out. The information is easily accessible providing practical advice and essential background for every member of the multi-disciplinary team caring for critically ill patients. It will serve the senior consultant who has not performed a procedure for some time as well as the junior doctor in need of an aide memoire.

This book is a useful guide for the teaching fraternity, administrators and education technology professionals to make good use of AI across outcome-based technical education (OBTE) ecosystem and infuse innovations and affordable digital technologies to traditional pedagogic processes to make teaching-learning more independent of human factor (teacher/student quality), time and place and at the same time more impactful and enjoyable for the learners. Providing access to the digital media and learning tools (even to the extent of mobile apps) to the students would allow them to keep pace with innovations in learning technologies, learn according to their own pace and improve their understanding level and have instantaneous feedback and evaluation. The book explores these new challenges and scope of using computational intelligence in educational technology. The book also addresses how based on the data

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collected from the outcome of conventional educational system, intelligent diagnostic and feedback system is developed which will change the teaching strategies and corresponding teaching-learning process. The book covers a wider framework of digital pedagogy and its intelligent applications on various sectors of education system. This new edition has been fully revised to provide students with the latest advances and technologies in general surgery. The book begins with a selection of long and short cases, each covering different regions of the anatomy. The remaining sections discuss surgical problems, X-Rays, pathology, preoperative preparations, minor surgical procedures, instruments, operative surgery, and surgical anatomy. The text is highly illustrated with clinical photographs and schematic drawings, and the surgical anatomy section provides hand drawn illustrations correlating anatomy with pathology. The third edition includes several new features including: a long case on the management of diabetic foot, the TNM malignant tumour staging classification has been updated in accordance with the 7th edition American Joint Committee on Cancer (AJCC) manual, interpretation of mammography has been added to the X-Ray section, and lower leg compartments and cervical fascia have been added to the surgical anatomy section. Key points Fully revised, new edition providing students with the latest advances in general surgery Third edition includes many new features such as the updated TNM malignant tumour staging classification Highly illustrated with clinical photographs and schematic drawings Previous edition (9789350906453) published in 2014

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