

Preface

With the continuing expansion of the practice of microbiology, the biggest challenge in the preparation of Manual of Practical Microbiology and Parasitology has been to provide a concise volume with all upto-date technology.

The book contains more than 200 colour plates and 50 illustrations that set out the basic facts and principles clearly and briefly which are essentially visual in impact.

Chapters 2 to 10—dealing with staining procedure; identification of bacterial cultures from specimens and culture plates; stool examination; immunoassays and identification of spots — are aimed for students pursuing undergraduate studies in medical and dental sciences based on the course of studies of Asian and African universities. It will also prove useful for other groups such as Veterinary Science students, medical laboratory scientists specialising in microbiology, and to post-graduate students of Microbiology.

Chapter 11 deals with management of hospital waste; Chapters 12-16 deal with laboratory diagnosis of bacterial, viral, fungal, parasitic and sexually transmitted diseases, respectively; and Chapter 17 deals with bacteriology of water, milk and air. These chapters are also very useful. A chapter on laboratory animals (Chapter 18) dealing with care of the animals, animal disease and experimental procedures is included for the benefit of post-graduate students in microbiology and for clinical microbiologists. In Chapter 19, methods of preparation of media are described. Appendices contain current question papers in Microbiology of MBBS and MD examinations for information of the students.

At the end of each chapter, a question-answer format has been included in order to acquaint the students with the type of oral questions that she/he has to face in the examination.

We are deeply indebted to the authors of many texts and reference books which we have frequently consulted but their references have not been cited. We welcome suggestions and comments from all quarters to make the book better in subsequent editions. Please mail your suggestions and new ideas on our e-mail : ncbapvtltd@eth.net.

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