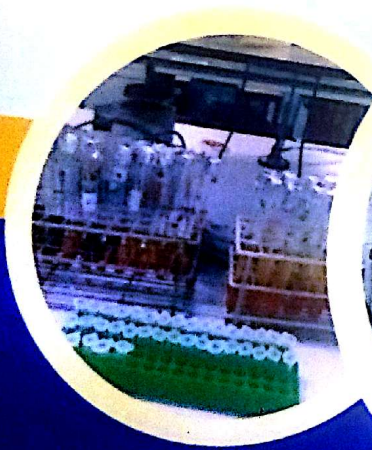


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Basic Laboratory **PRACTICALS**

IN MICROBIOLOGY



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ABOUT THE BOOK

“Basic Laboratory Practicals in Microbiology” is an indispensable manual for students who major in Microbiology, as well those studying allied courses. The scope of the content covers all major aspects of Microbiology, from safety guidelines in the laboratory to fundamental experiments in virology and molecular biology. The sequencing of topics also follows a logical pattern; from the very basic to the more advanced concepts. The simplified structure of the chapters makes it an easy read for students and a quick reference during laboratory sessions.

Unlike other books in its category, this book contains sections on experimental design and research methodology, data presentation and analysis, and presentation of scientific reports. These topics are very crucial to the making of any sound scientist but it is unfortunate to note that they have been neglected in recent times. So, this book stands out in providing a good foundation in research and scientific communication skills for students.

Furthermore, every chapter of the book ends with thought-provoking questions which help to examine the theoretical basis of the experiments conducted. This ensures that the student would always relate what is done in the laboratory to the ideas learnt in the classroom. I am convinced that this book will help in solving the problem of poor hands-on skills among Microbiology graduates.

I congratulate the staff of the Department of Microbiology, Faculty of Life Sciences, University of Ilorin, for this great achievement.

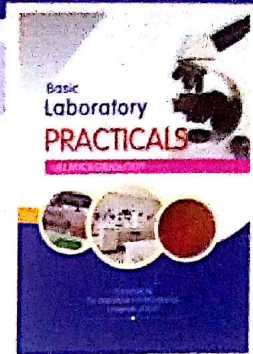
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