



Manual of Microbiology: Tools & Techniques, Second Edition

By Kanika Sharma

Ane Books Pvt. Ltd, 2011. Softcover. Book Condition: New. 5th or later edition. Manual of Microbiology Tools & Techniques is a complete text with an Integrated approach. It will be of use for graduate and post graduate students of Biological Sciences, Microbiology, Biotechnology and allied branches. A Student friendly manual, written essentially to develop the skills in practical techniques of microbiology. It includes variety of Experiments needed to assist Teaching of the subject. Each experiment contains precise information of the principle, purpose and precautions to be taken. Easy to follow Pattern of Methodology defines each step accurately. The Book will also prove useful to Teachers and people involved in microbial Research as it includes information about equipments, laboratory setup, list of relevant institutes and laboratories, literature available etc. Contents I. INTRODUCTION TO Microbiology : 1. General Characteristics of Microorganisms 2. Classification of Microorganisms 3. Nomenclature of Microorganisms 4. Major Groups of Prokaryotes II. TOOLS OF MICROBIOLOGY : 1. Microscopes 2. History of Development of Microscopes 3. Principles of Microscopy 4. Care and Use of the Microscope 5. Spectrophotometer 6. pH Meter 7. Micrometer 8. Hemocytometer 9. Autoclave 10. Centrifuge 11. Balance 12. Pipettes 13. Vacuum Filtration 14. Water Bath 15....



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