

Objective - To impart knowledge of the basic principles of bacteriology, sterilization, staining method and microscope.

UNIT - 1 introductory microbiology: Introduction to and brief of microbiology, scope and relevance of microbiology

UNIT - 2 Morphology and structure of microorganisms: Morphology and structure of bacteria, fungi, actinomycete and algae etc., microscopic examination of microorganisms.

UNIT - 3 Stains used in microbiology: Introduction to stains; importance of stain in microbiology; types of stains in detailed giving example-simple stain differential stain, negative stain, impregnation method

Recommended books

- Burton's microbiology for the health science, the science of Laboratory diagnosis, C.P Baveja, P.B godkar "A Textbook of Basic and Applied Microbiology" by K R Aneja]