

FIRST ALLIED COURSE III – MEDICAL MICROBIOLOGY

UNIT I

Normal human Microflora, Microbes of medical interest – protozoa, fungi, yeast, bacteria and viruses.

UNIT II

Clinical diagnosis – Pattern of disease, indication of disease for Microbial etiology.

UNIT III

Prevention and treatment of human diseases. Avoiding exposure to pathogen. Antibiotics and chemotherapeutic agents – drug resistance and antibiotic policy.

UNIT IV

Diseases of respiratory, gastrointestinal and Urinogenital tract and the prevention measures.

UNIT V

Diseases transmitted through animal bites. rabies,, malaria, diseases transmitted through direct contact – Leprosy, sporotrichosis, HSV infection.

REFERENCE:

1. Chaechter, M. Medoff, G and Ensenstein B C (1993) Mechanism of Microbial diseases. 2nd edition. Williams and Wilkins, Baltimore.
2. David Greefnwood, Richard CD, Slack, John Forrest Peutherer (1992) Medical Microbiology 14th edition ELBS with Churchill Livingstone.
3. Joan Stokes E, Ridgway GL and Wren MWD. (1993) Clinical Microbiology. 7th Edition Edward Arnold. A division of Hodder and Stoughton.
4. Ronald M. Atlas (1989) Microbiology Fundamentals and Applications. 2nd edition. Maxwell Macmillan International editions.