

CORE COURSE VI - BASIC BIOLOGICAL SCIENCE – Part-II

Objective: The course enables the students to perceive the basic principles of Pharmacology and the importance of pathology in relation to various systems of human body

Contents:-

Pharmacology:

Unit-1

Introduction to Pharmacology – Routes of Drug Administration – Distribution and Bio Transformation

Unit-2

Study of action of drugs in the system including Central Nervous System, Autonomic Nervous System, Eye, Respiratory System, Cardiovascular System, Blood, Kidney, Gastro intestinal tract, Uterus.

Unit-3

Chemotherapy of tropical diseases, vitamins, antibiotics, antihelminthes

Pathology:

Unit-4

Importance of study of pathology in relation to various systems of human physiology

Unit-5

Hospital Machinery & its functions - basic equipments – specialized equipments – their functions & utilization in the Hospital.

References:

- Tripathi : Pharmacology, JayPee
- Santhoskar : Pharmacology, Popular
- Seth : Pharmacology, BICL
- Panikar : Text Book of Medical Parasitology, JayPee
- Braunsli : Outlines and Review of Pathology, JayPee