

**SABBHAVNA COLLEGE OF MANAGEMENT & TECHNOLOGY
VILLAGE JALALDIWAL , RAIKOT , LUDHIANA (PB)**

HOSPITAL AND CLINICAL PHARMACY

Theory

Part I Hospital Pharmacy :

1. Hospitals Definition, Function, Classifications based on various criteria, organization, Management and health delivery system in India.
2. Hospital Pharmacy :
 - (a) Definition
 - (b) Functions and objectives of Hospital Pharmaceuticals services.
 - (c) Location, Layout, Flow chart of materials and men.
 - (d) Personnel and facilities requirements including equipments based on individual and basic needs.
 - (e) Requirements and abilities required for Hospital Pharmacists.
3. Drug Distribution system in Hospitals :
 - (a) Outpatient services
 - (b) Inpatient services:- (a) types of services (b) detailed satellite pharmacy services, Central sterile services, Bed side Pharmacy.
4. Manufacturing :
 - (a) Economics considerations, estimation of demand.
 - (b) Sterile manufacture-large and small volume parenteral, facilities, requirements layout, production planning, manpower requirements
 - (c) Non-sterile manufacture-Liquid orals, externals, Bulk concentrates
 - (d) Procurement of stores and testing of raw materials
5. Nomenclature and uses of surgical instruments and * equipments and health accessories
6. P.T.C. (Pharmacy Therapeutic Committee), Hospital Formulary system and their organizations, functioning, composition
7. Drug Information service and Drug Information Bulletin
8. Surgical dressing like cotton, gauze, bandages and adhesive tapes including their pharmacopoeial tests for quality. Other hospital supply eg. I.V. sets, B.G. sets, Ryals tubes, ;Catheters, Syringes etc
9. Application of computers in maintenance of records, inventory control, medication monitoring, drug information and data storage and retrieval in hospital and retail pharmacy establishments.

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HUMAN CAPITAL