

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 1022]

**OCTOBER 2022
(AUGUST 2022 EXAM SESSION)**

Sub. Code: 4265

**B.PHARMACY DEGREE COURSE (NON-SEMESTER EXAMINATIONS)
THIRD YEAR (Regulation 2009-2010)
PAPER V – HOSPITAL & CLINICAL PHARMACY**

Q.P. Code: 564265

Time: Three hours

Answer ALL questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a. Define Nuclear Pharmacy. Discuss briefly about the production of Radio Pharmaceuticals
- b. What are the different types of drug interactions? Discuss drug interactions involving Absorption.
2. a. What are the various methods of Drug Distribution? Discuss the dispensing of drugs to Outpatients and inpatients.
- b. Write a note on dry heat Sterilization.

II. Write notes on:

(8 x 5 = 40)

1. Explain in brief about purchase and inventory control methods.
2. Role of pharmacist in budget preparation and implementation.
3. Classification of adverse drug reaction.
4. Define hospital formulary system, what are the guidelines for hospital formulary system? What are the contents of hospital formulary?
5. Types of material used for Sterilization in hospital.
6. What is hospital pharmacy? Discuss typical organizational structure of hospital pharmacy department and its responsibility in health care system.
7. Define pharmacy and therapeutic committee. Discuss the objectives and functions of pharmacy and therapeutic committee.
8. What is patient compliance? Give its types, factors associated with and consequences of non- compliance.

III. Short answers on:

(10 x 2 = 20)

1. Biological half life.
2. What is satellite pharmacy?
3. Define the term sterilization.
4. Idiosyncrasy.
5. Define drug inventory control.
6. Reason for conducting clinical trial.
7. Radioisotope generations.
8. Medline.
9. Ambulatory patient.
10. TDM of phenytoin.
