



**MODEL PAPER**  
**2<sup>nd</sup> Year Examination, June-2025**

**Programme: D. Pharm**  
**Year: 2<sup>nd</sup> Year**  
**Course: Hospital and Clinical Pharmacy**  
**Course Code: ER20-25T**

**SECTION II**

**Short Answer type Question**

**(3 marks each)**

**Unit-1**

1. Write function & classification of hospital.
2. Define hospital pharmacy. Explain the abilities and competence required for a hospital pharmacist.
3. Explain the process of dispensing drugs to out-patients in a typical hospital.
4. What are the functions of PTC? Write a short note on PTC and drug safety.
5. Write note on NABH accreditation.
6. What is purchase order?

**Unit-2**

7. Write short notes on 1. Satellite pharmacy 2. Bed side pharmacy
8. Define unit dose dispensing. Enumerate its benefits. Give three methods of prescribing floor stock drugs.
9. Define TPN. Write contents of TPN and indication for use.
10. Describe the purchase procedure in a big hospital.
11. Explain the role and significance of hospital formulary system

### **Unit-3**

12. Define EHR. Why EHR is needed.
13. Explain drug – food interaction with suitable examples.
14. Explain the role of pharmacist in adverse drug reaction monitoring.
15. What are the barriers to the emergence of clinical pharmacy in India
16. Explain the steps that can be taken to encourage clinical pharmacy practice.
17. Describe the role of computers in hospital pharmacy.

### **Unit-4**

18. Give the categories of poisoning.
19. Give the purpose of Pharmacovigilance.
20. What do you mean by fluid electrolyte balance?
21. Define antidote. Discuss universal antidote.
22. Give the measures to control spread of antibiotic resistance

## **SECTION III**

### **Long Answer Type Question**

**(5 marks each)**

### **Unit-1**

1. Discuss in short hospital pharmacy standards (FIP base statements & AHSP).
2. What is reorder quantity? Describe the procedure for procurement of materials in hospital.
3. Explain Pharmaceutical care in detail.
4. Describe medication therapy management?
5. Describe Home medication review?

### **Unit-2**

6. Define "Good Pharmacy Practices" Give requirements of good pharmacy practices (GPP)
7. Describe the role of pharmacist in preventing antimicrobial resistance.
8. Give the various functions of pharmacy and therapeutic committee.
9. Explain in detail FIFO and FEFO method with its advantages and disadvantages.
10. Explain in short various disposal methods used for pharmaceutical wastes

### **Unit-3.**

11. Comment of Automated Drug Dispensing System

12. Classify renal function tests.
13. What are radiopharmaceuticals? Explain dispensing & disposal of them
14. Explain disorders of water & electrolyte balance.
15. Discuss in detail cardiac markers

**Unit-4.**

16. Define poison. Classify poisons with suitable examples.
17. Define antidotes. Discuss universal antidotes.
18. Explain aims of Pharmacovigilance.
19. Describe strategies to minimize medication error.
20. What is meant by pharmacodynamics drug interactions

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**Disclaimer:** - This is a Model Paper. The Question in End semester examination will differ from the Model Paper. This Model paper is meant for practice only.