

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**  
(Deemed to be University)

**DIPLOMA IN PHARMACY EXAMINATION – April 2019**  
Second Year

**HOSPITAL AND CLINICAL PHARMACY**

Time: Three hours

Maximum: 80 marks

Answer **Any EIGHT** questions only  
All questions carry equal marks  
Draw Neat, Labelled Diagram wherever necessary.

1. What is Hospital pharmacy? Discuss the functions and objectives of hospital pharmaceutical services.
2. Explain the various types of drug distribution system to dispensing of drugs to in-patients.
3. What is drug information service? Discuss in detail about various sources for drug information centre.
4. Define pharmacy and therapeutic committee. Discuss the objectives and functions of pharmacy and therapeutic committee.
5. Write a note on : a) Surgical dressings b) Application of computer in Pharmacy.
6. Write short notes on: a) Satellite Pharmacy service b) Pharmacist in patient counselling.
7. What is bioavailability? Explain the factors affecting bioavailability.
8. Discuss the pathophysiology, signs and symptoms of  
a) Rheumatoid arthritis b) Hepatitis
9. Write briefly on : a) Adverse drug reaction b) Drug-Drug interaction.
10. Define clinical Pharmacy. Explain the scope and role of pharmacist in a Hospital.

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