

**Final Year (New) Pharmacy**  
**HOSPITAL AND CLINICAL PHARMACY**  
**(204)**

**Time : Three Hours**

**Maximum Marks : 80**

**Note :** Attempt total six questions. Question No.1 is compulsory. From the remaining questions attempt any five.

1. Attempt any five :

5×2=10

- a) Give the full form of the following:
  - i) HEPA
  - ii) CSSR
- b) Define
  - i) Antagonism
  - ii) Synergism
- c) Give the composition of PTC.
- d) Give two example of Drug-Food interaction.
- e) Give the antidote of the following.
  - i) Arsenic
  - ii) Morphine
- f) Give the normal physiological values for the following
  - i) Clotting time
  - ii) E.S.R.

2. a) Define and classify Hospital. Give the organisational set up of a Hospital. 7
- b) Draw the in-patient activity chart of a Hospital pharmacist. Write the abilities of a Hospital pharmacist. 7

3. a) Discuss the role of pharmacy and therapeutic committee in Adverse Drug Reaction monitoring. 7  
b) Write the advantages and disadvantages of Hospital Formulary system. 7
4. a) Discuss the following 7  
i) Individual prescription order system  
ii) Complete Floor stock system  
b) Write a brief account of parenteral preparations. 7
5. a) Discuss the pathophysiology and clinical systems of peptic Ulcer or Hepatitis. 7  
b) Discuss with example pharmacodynamic drug interactions. 7
6. Write note on any Four  $3\frac{1}{2} \times 4 = 14$   
i) Drug Dependence  
ii) Arsenic Poisoning  
iii) Scope of Clinical Pharmacy  
iv) Factors predisposing ADR  
v) Drug information center
7. a) Explain the term Bioavailability. Discuss the factors affecting it. 7  
b) Discuss the role of clinical pharmacy in patient Education and Compliance. 7
8. a) Discuss the factors contributing to the medication errors. 7  
b) Write short note on any two 7  
i) Pyrogen test  
ii) Surgical instrument  
iii) Health accessories

