

**P-502**

Seat No. \_\_\_\_\_

**Diploma in Pharmacy (Part-II) Examination**

May / June-2003

**Hospital & Clinical Pharmacy**

Time : 3 Hours]

[Total Marks : 80

- Instructions :** (1) Write **three** questions from **each** section.  
(2) Answer each section in a **separate** answer book.  
(3) Tie both sections **separately**.

**SECTION-I**

- 1 (a) What are the various clinical functions carried out by a hospital ? 5  
(b) What is the role of a nursing department in a hospital ? How does it interact with the pharmacy department ? 6  
(c) Write a short note on pre-packaging. 3
- 2 (a) Explain the individual prescription order system. 4  
(b) Explain how drugs are distributed to in-patients in a typical hospital. 6  
(c) How does a hospital pharmacist carry out the public health programme ? 3
- 3 (a) What is the basic difference between centralised and decentralised purchases in a hospital. 6  
(b) Give any three pharmacopeal standards for conformance. 3  
(c) Briefly write on Large Volume parenteral solution. 4

**OR**

- 3 (a) Define 'Drug Safety' and 'Drug Sample'. 4  
 (b) Give the uses of Lithotripsy', ECG and CT scanners. 3  
 (c) Write short note on 'PTC'. 6
- 4 Write short notes on any **three** : 12  
 (a) Lay out of sterile products area  
 (b) Drug Information Bulletin  
 (c) Procedure for costing of prescriptions.  
 (d) Evaluation tests of surgical dressing.

## SECTION – II

- 5 (a) Define clinical pharmacy. Give concept and scope of Clinical Pharmacy. 6  
 (b) What is role of Pharmacist in improving compliance. 4  
 (c) Define : 3  
 (i) Carminative  
 (ii) Generic name  
 (iii) Contraindication.
- 6 (a) What advice will you give to patient taking following drugs : 4  
 (i) Salicylates  
 (ii) Tetracycline  
 (iii) Spermicidal jellies or creams .  
 (iv) Antacids.
- (b) Give the significance of following : 6  
 (i) WBC  
 (ii) Stool examination  
 (iii) Urine examination.
- (c) Give pathophysiology and manifestation of "HEPATITIS" 4

- 7 (a) Write note on "Peptic Ulcer". 4  
(b) Explain how absorption affects drug interaction. 5  
(c) Explain drug interactions of following drugs : 4  
(i) Vitamins  
(ii) Analgesic drugs.

**OR**

- 7 (a) Write short note on "Tuberculosis" 4  
(b) Explain predictable 'Adverse Drug Reactions' 6  
(c) Mention any three factors which affect bioavailability. 3
- 8 Write short notes on any **three** : 12  
(1) Drug Induced diseases  
(2) General procedure for the treatment of poisoning cases  
(3) CNS stimulants  
(4) Angina Pectoris.
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