

**DIPLOMA IN PHARMACY (FINAL YEAR)**  
**(NEW)**

**HOSPITAL AND CLINICAL PHARMACY**  
**(204)**

*Time : Three Hours*

*Maximum Marks : 80*

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

(ii) Illustrate your answers with neat sketches wherever necessary.

1. Define any *five* of the following : 10

(i) Physiological Parameters

(ii) Patient compliance

(iii) Clinical Pharmacy

(iv) Bioavailability

(v) Teratogenicity

(vi) DIC

2. Answer any *four* of the following : 14

(a) Define and classify hospitals on the basis of ownership.

(b) What is hospital formulary ? Write its significance.

**P. T. O.**

- (c) Describe at least *eight* functions of hospital administrator.
- (d) What is the purpose of medical records ?  
What are the basic principles in preparing them ?
- (e) Write a note on the location and layout of hospital pharmacy.

3. Answer all questions :

14

(a) Translate into English :

- (i) SOS
- (ii) Omnihora
- (iii) Ter in die
- (iv) Hora somni
- (v) Dolore urgente
- (vi) Post cibos
- (vii) Magnus

(b) What advice must be given to patient using :

- (i) Liquid paraffin
- (ii) Phenolphthalein
- (iii) Diphenhydramine
- (iv) Ampicilline
- (v) Boric acid
- (vi) Salicylates
- (vii) Antacid tablets

4. Answer any *four* of the following : 14

- (a) Define Drug Interaction. Explain what happens when :
  - (i) Folic Acid is given with phenytoin
  - (ii) Cathartics are given with sustained released drugs
- (b) Define drug abuse. Give its general treatment.
- (c) How surgical cotton is evaluated as per I. P. ?
- (d) Define outpatient. What services are provided to outpatient by pharmacist ?
- (e) Write notes on the following :
  - (i) Allergy
  - (ii) Anaphylaxis

5. Answer any *four* of the following : 14

- (a) How PTC ensures drug safety in hospitals ?
- (b) With examples mention drug induced renal diseases.
- (c) Explain the concept of clinical pharmacy. State the objectives of clinical pharmacy.
- (d) Differentiate between drug addiction and drug habituation.
- (e) What are the different items purchased in stores of hospital ? When is it decided to place the order for more materials ?

6. Answer any *four* of the following : 14

- (a) Write applications of computer in retail pharmacy.
- (b) Classify poisons. How is the general treatment for poisoning done ?
- (c) What is UDDS ? Write advantages and disadvantages of this system.
- (d) What is decentralized purchase ? Write procedure adopted by hospital pharmacist to procure drugs or hospital supplies.
- (e) What are the official evaluation tests for parenterals ? Write a note on Pyrogen testing.

7. Answer any *four* of the following : 14

- (a) What are the sign and symptoms of peptic ulcer ?
- (b) Give the sterility test performed for large volume parenterals.
- (c) Write a note on drug dependence and drug abuse.
- (d) Discuss in brief the central sterile services.
- (e) Explain the treatment of organophosphorus poisoning.