

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA PHARMACY - SEMESTER-II • REMEDIAL EXAMINATION-WINTER 2013

Subject Code: 420006**Date: 31-05-2014****Subject Name: Hospital and Clinical Pharmacy****Time: 10:30 am - 01:30 pm****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Define “Hospital Pharmacy”. Discuss briefly the functions and objectives of hospital pharmacy. **06**
(b) Write requirements and duties of pharmacist in hospital. **05**
(c) Explain the role and significance of ‘Hospital Formulary System’. **05**
- Q.2** (a) What is “PTC”? Write compositions and functions of PTC. **06**
(b) Discuss in detail about ‘Complete Floor Stock System’. **05**
(c) What will be the procedure for procurement and purchase of drugs in hospital pharmacy? **05**
- Q.3** (a) Define “CSSR”. Write objectives of CSSR. Draw its lay out. **06**
(b) What are the various quality control tests prescribed for Parenteral Products prepared in hospital? **05**
(c) Explain manufacturing of emulsions in hospital. **05**
- Q.4** (a) Define “Drug Information Bulletin”. Discuss the function of drug information services in a hospital pharmacy. **06**
(b) What are the various types of Surgical Dressings used in hospital? Enlist I.P. standards for Absorbent Cotton. **05**
(c) Draw and explain tissue forceps, dissecting forceps and haemostatic forceps. **05**
- Q.5** (a) Define the term “Clinical Pharmacy”. Discuss various duties of clinical pharmacist. **06**
(b) What are the various modern dispensing aspects of hospital? Write a note on Medication History’. **05**
(c) Translate the following Latin terms in to English and write their full form. **05**
i) sem in die ii) p.c. iii) h.s. iv) dol. urg. v) o.m.
- Q. 6** (a) Define “Drug Interactions”. Discuss the drug interaction with reference to Diuretics and Cardiovascular Drugs. **06**
(b) Define “ADR”. Discuss types of ADR and their significance. **05**
(c) Define “Drug Abuse”. What are the reasons for drug abuse? How it is different from ‘Drug Dependence’? **05**
- Q.7** (a) Write a short note on- **06**
a) Organophosphorous poisoning
b) Insecticide poisoning
(b) Explain manifestation and pathophysiology including symptoms of- **05**
a) Tuberculosis
b) Diabetes
(c) Discuss in detail factors affecting bioavailability. **05**
