

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharm. – SEMESTER – I • EXAMINATION – WINTER 2013

Subject Code: 910206

Date: 26-12-2013

Subject Name: Clinical and Hospital 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) Write the definitions of clinical pharmacokinetics and explain Pharmacokinetic drug interactions with examples. **06**
(b) Discuss roles & responsibilities of hospital pharmacist in hospital pharmacy. **05**
(c) Discuss considerations of drug dosing in pediatrics patients. **05**
- Q.2** (a) Define pharmacoepidemiology and Describe applications, need for pharmacoepidemiology. **06**
(b) Write organization and role of infection control committee. **05**
(c) Discuss steps involved in conducting Drug Utilization Review. **05**
- Q.3** (a) Describe the criteria for Therapeutic Drug Monitoring and Discuss Monitoring of Cardioactive drug Digoxin. **06**
(b) Discuss the distribution of Narcotic and other controlled substances. **05**
(c) Clinical symptoms and management of acute poisoning with Alcohol. **05**
- Q.4** (a) Explain the measurement of glomerular filtration rate and creatinine clearance **06**
(b) Discuss procurement & warehousing of drugs and pharmaceuticals. **05**
(c) Give detail of general principles involved in the management of poisoning. **05**
- Q.5** (a) Discuss the Antidotes and their clinical applications. **06**
(b) Explain the organizational structure of hospital pharmacy– staff, infrastructure & work load statistics. **05**
(c) Write constitution and functions of Ethics committee. **05**
- Q.6** (a) Write clinical symptoms and management of acute poisoning with Methanol poisoning. **06**
(b) Explain the role of pharmacist in central sterile supply services. **05**
(c) Write a note on Half life. Mention its significance. **05**
- Q.7** (a) Define and discuss the methods of inventory control. **06**
(b) Write the influence of renal diseases on pharmacokinetics. **05**
(c) Clinical symptoms and management of food poisoning. **05**
