

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharm. – SEMESTER – I • EXAMINATION – WINTER • 2014

Subject Code: 910206

Date: 09-01-2015

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.**

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|-------------|--|-----------|
| Q.1 | (a) Write notes on Cohort study and Case control study. | 06 |
| | (b) Discuss procurement and warehousing of drugs and pharmaceuticals. | 05 |
| | (c) Discuss clinical symptoms and management of lead poisoning. | 05 |
| Q.2 | (a) Discuss the management of food poisoning. | 06 |
| | (b) Write a note on attributable and relative risk. | 05 |
| | (c) Write notes on inhibition and induction of drug metabolism. | 05 |
| Q.3 | (a) Discuss symptoms and management of organophosphorus poisoning. | 06 |
| | (b) Discuss the role and responsibilities of hospital pharmacist in brief. | 05 |
| | (c) Write a note on importance of spontaneous reporting system. | 05 |
| Q.4 | (a) Write about methods of dosage adjustment in renally impaired patients. | 06 |
| | (b) List the advantages and disadvantages of unit dose distribution system. | 05 |
| | (c) Write a note on Drug utilization review. | 05 |
| Q.5 | (a) Discuss clinical pharmacokinetic parameters in time course of drug plasma concentration. | 06 |
| | (b) Explain VED, EOQ with appropriate formula. | 05 |
| | (c) Enumerate the prescribing and drug dosing for elderly patients. | 05 |
| Q. 6 | (a) Discuss the organization and functions of Pharmacy and Therapeutics committee. | 06 |
| | (b) Explain the role of pharmacist in central sterile supply services. | 05 |
| | (c) Write a note on measurement of medication adherence. | 05 |
| Q.7 | (a) Describe common clinical applications of TDM with appropriate examples. | 06 |
| | (b) Describe the organization and role of infection control committee. | 05 |
| | (c) Write a note on handling and packaging of radio pharmaceuticals. | 05 |
