Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharm. – SEMESTER – I • EXAMINATION – WINTER • 2015 Subject Code: 910206 Date: 02-01-2016

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) (b) (c)	Write a note on the use of Radiopharmaceuticals in a Hospital setting. Discuss the TDM of Phenytoin and Digitalis. Discuss the role and responsibility of a Hospital Pharmacist.	06 05 05
Q.2	(a) (b) (c)	Describe the symptoms and management of overdose of morphine and diazepam. Classify pharmacokinetic drug interactions with suitable examples. Discuss the reasons for and dose adjustment in patients with hepatic impairment?	06 05 05
Q.3	(a) (b) (c)	What is Inventory control? Discuss the methods for Inventory control in a Hospital. Write in brief about Drug Utilization Review. What is a Hospital Formulary? Explain its composition and significance.	06 05 05
Q.4	(a) (b) (c)	Explain with examples the Indications of Therapeutic Drug Monitoring. Explain Medication adherence and methods of assessing medication adherence. Explain the following terms: Incidence, Prevalence, relative risk, attributable risk, odds ratio.	06 05 05
Q.5	(a) (b) (c)	Elucidate the General principles in treatment of Poisoning. Discuss the dose adjustment for patients with renal disease? Explain in brief prescribing principles and dosing in elderly patients.	06 05 05
Q. 6	(a) (b)	Discuss the composition and importance of Pharmacy and Therapeutic Committee. Describe the strategies and role of Gut decontamination and elimination enhancement in care of poisoned patient.	06 05
	(c)	What is Unit Dose Dispensing System? Discuss the merits and demerits.	05
Q.7	(a)	Enlist the various pharmacoepidemiological models used to study patient outcomes. Explain any two in detail.	06
	(b) (c)	Give the symptoms and explain management of Organophosphorous poisoning. What are the symptoms and complications of salicylate overdose? How will you manage it?	05 05
