Seat No.: _____ Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharm –SEMESTER–I - EXAMINATION –SUMMER 2017

Subject Code: 910206 **Date: 01/05/2017**

Subject Name: CLINICAL AND HOSPITAL PHARMACY

Time: 10:30 AM to 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)**	Explain the outcomes and applications of pharmacoepidemiology.	**06**
	(b)	Brief about drug dosing in the elderly and obese patients.	**05**
	(c)	Enumerate floor stock method.	**05**
Q.2	**(a)**	Briefly explain the meta-analysis usage in pharmacoepidemiology.	**06**
	(b)	Explain the conversion of IV dosing system to oral dosing system.	**05**
	(c)	Write brief about the process of TDM.	**05**
Q.3	**(a)**	Define hospital pharmacy. Explain the organizational structure and budget implementation in hospital pharmacy.	**06**
	(b)	Write the clinical symptom and management of lead and copper.	**05**
	(c)	Explain the dosage adjustment in renal impairment patient.	**05**
Q.4	**(a)**	What mean by PTC. Explain the structure and functions of PTC.	**06**
	(b)	Discuss- Organophosphorus compound poisoning.	**05**
	(c)	Brief about pharmacokinetic drug interactions	**05**
Q.5	**(a)**	Briefly explain the role of cohort studies in drug usage studies.	**06**
	(b)	Differentiate attributed and relative risk.	**05**
	(c)	Explain the role of antidotes and its applications in poison treatment.	**05**
Q. 6	**(a)**	Briefly explain the methods of inventory control and its applications.	**06**
	(b)	Write brief in controlled substances distribution.	**05**
	(c)	Brief about food poisoning.	**05**
Q.7	**(a)**	Define TDM. Explain the kinetic variability's and uses of TDM.	**06**
	(b)	Define hospital formulary. Explain the components of hospital formulary.	**05**
	(c)	Discuss-Toxicokinetics.	**05**

****