

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
M. Pharm. SEMESTER I - EXAMINATION – SUMMER 2018

Subject Code: 910206**Date: 07/05/2018****Subject Name: Clinical and Hospital Pharmacy****Time: 02:30PM TO 05:30PM****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) Outline the different types of Pharmacoepidemiological studies. Explain the following: **06**
1. Observational and interventional studies 2. Prospective and retrospective studies
- (b) What is Incidence and Prevalence. Explain incidence and prevalence rate with suitable examples. **05**
- (c) Classify pharmacokinetic drug interactions with suitable examples (one for each category). **05**
- Q.2** (a) Give the symptoms and explain management of Organophosphorous poisoning. **06**
(b) Enlist various antidotes and their uses in poisoning. **05**
(c) Discuss the symptoms and management of alcohol poisoning. **05**
- Q.3** (a) Explain the use of TDM in individualization of drug dose regimen. **06**
(b) Describe in brief the parameters for measurement of Hepatic function. **05**
(c) Explain the following: 1. Defined and prescribed daily doses **05**
2. Attributable and relative risk
- Q.4** (a) Explain the following terms and discuss its management: **06**
1. Iron overload 2. Radiation sickness
(b) Discuss the TDM of Phenytoin and Digitalis. **05**
(c) Discuss the dose adjustment for patients with renal / hepatic disease? **05**
- Q.5** (a) Explain in General the principles used in management of Poisoning. **06**
(b) Discuss the methods used for decontamination of gut and enhancement of elimination of poison. **05**
(c) Enumerate the sources of food poisoning. Discuss management of food poisoning in brief. **05**
- Q.6** (a) Discuss the composition and importance of Pharmacy and Therapeutic Committee. **06**
(b) Define Inventory control and list out the methods for Inventory control in a Hospital setting. Discuss anyone in detail. **05**
(c) Write a short note on Hospital Formulary. **05**
- Q.7** (a) Discuss reasons for medication non-adherence. How will you assess medication adherence. **06**
(b) Discuss the role and responsibilities of hospital pharmacist. **05**
(c) Discuss the rules pertaining to handling of narcotics in a hospital pharmacy setting. **05**
