

**GUJARAT TECHNOLOGICAL UNIVERSITY****M. Pharm. - SEMESTER-I • EXAMINATION –SUMMER-2016****Subject Code: 910206****Date:30/05/2016****Subject Name: Clinical and Hospital Pharmacy****Time: 10:30 AM to 1:30 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) Discuss considerations of drug dosing in obese patients. **06**  
(b) Explain VED, EOQ with appropriate formula. **05**  
(c) Write organization and role of infection control committee. **05**
- Q.2** (a) Explain the measurement of relative and attributable risk with example. **06**  
(b) Write roles and responsibilities of Hospital Pharmacist. **05**  
(c) Discuss symptoms and management of organophosphorus poisoning. **05**
- Q.3** (a) Write the definitions and role of clinical pharmacokinetics in drug therapy. **06**  
(b) Write notes on difference in Cohort and Case control studies. **05**  
(c) Write a note on handling and packaging of radio pharmaceuticals. **05**
- Q.4** (a) Write the difference between floor stock and individual prescription system. **06**  
(b) Write constitution and functions of Ethics committee. **05**  
(c) Explain the organizational structure of hospital pharmacy– staff, infrastructure & work load statistics. **05**
- Q.5** (a) Write a short note in Pharmacy and Therapeutic committee. **06**  
(b) Write clinical symptoms and management of benzodiazepine poisoning. **05**  
(c) Explain the role of pharmacist in central sterile supply services. **05**
- Q. 6** (a) Describe the methods for preparation budget and its implementation in hospital pharmacy. **06**  
(b) Discuss procurement and warehousing of drugs and pharmaceuticals. **05**  
(c) Write down the merits and demerits of unit dose dispensing system. **05**
- Q.7** Write short notes on the following: **16**  
(a) Drug Utilization Review  
(b) Therapeutic drug monitoring  
(c) General principles in management of poisoning

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