

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.**

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| 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 | |
