

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharmacy Sem-I Regular / Remedial Examination January/February 2011

Subject code: 910206

Subject Name: Clinical and Hospital Pharmacy

Date: 03/02 /2011

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.**

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|-------------|---|-----------|
| Q.1 | (a) Define TDM. Explain its Clinical applications. | 06 |
| | (b) Discuss the functions of Hospital Pharmacy department. | 05 |
| | (c) Give symptoms of acute Organophosphorous poisoning. Discuss its treatment | 05 |
| Q.2 | (a) Explain different types of Dialysis methods with their merits and demerits. | 06 |
| | (b) Highlight the role of Pharmacy & Therapeutic Committee in drug safety. | 05 |
| | (c) Discuss: Drug dosing in pediatric, geriatric and obese patients. | 05 |
| Q.3 | (a) Give symptoms of chronic poisoning with Arsenic and its treatment. | 06 |
| | (b) Write about contents and advantages of Hospital Formulary. | 05 |
| | (c) Write about origin, need, aim and application of Pharmacoepidemiology. | 05 |
| Q.4 | (a) Write a note on Half life. Mention its significance. | 06 |
| | (b) Define: Budget. Explain its divisions. | 05 |
| | (c) Discuss: Dose adjustment in a patient of Hepatic and Renal disease. Write about significance of creatinine clearance. | 05 |
| Q.5 | (a) Explain general principles in management of poisoning. | 06 |
| | (b) Write constitution and functions of Ethics committee. | 05 |
| | (c) Write about pharmacokinetic drug interactions giving suitable examples. | 05 |
| Q. 6 | (a) Discuss: (i) Volume of distribution (ii) Loading and Maintenance doses | 06 |
| | (b) Explain with examples: Unit Dose Dispensing system. Give its advantages and disadvantages. | 05 |
| | (c) Give symptoms of Methanol poisoning and therapeutic measures for it. | 05 |
| Q.7 | (a) Describe steps involved in conducting Drug Utilization Review/Evaluation. | 06 |
| | (b) Give symptoms of Opiate poisoning and its management. | 05 |
| | (c) Define: Inventory control. Explain different methods for Inventory control. | 05 |
