

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**M. Pharm. – SEMESTER – I • EXAMINATION – SUMMER 2013**

**Subject Code: 910206****Date: 22-05-2013****Subject Name: Clinical and Hospital Pharmacy****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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|-------------|--------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Q.1</b>  | (a) Write notes on methods of dosage adjustment in uremic patients.                                                      | <b>06</b> |
|             | (b) Discuss symptoms and management of NSAID poisoning.                                                                  | <b>05</b> |
|             | (c) What is Defined Daily Dose and explain its significance.                                                             | <b>05</b> |
| <b>Q.2</b>  | (a) What considerations are required in dosing patients with hepatic impairment?                                         | <b>06</b> |
|             | (b) Write short note on Pharmacy and Therapeutic Committee.                                                              | <b>05</b> |
|             | (c) Write clinical symptoms and management of benzodiazepine poisoning.                                                  | <b>05</b> |
| <b>Q.3</b>  | (a) Explain how to assess the severity of hepatic impairment.                                                            | <b>06</b> |
|             | (b) Discuss arsenic poisoning along with symptoms and management.                                                        | <b>05</b> |
|             | (c) What do you mean by inventory control? Write about the methods of inventory control.                                 | <b>05</b> |
| <b>Q.4</b>  | (a) Write notes on difference in Cohort and Case control studies.                                                        | <b>06</b> |
|             | (b) Discuss with the help of a layout activities of central sterile supply unit and explain the role of pharmacist.      | <b>05</b> |
|             | (c) Explain pharmacokinetic and pharmacodynamic relationships and efficacy of antibiotics.                               | <b>05</b> |
| <b>Q.5</b>  | (a) Discuss general principles involved in management of poisoning.                                                      | <b>06</b> |
|             | (b) Discuss relationship between Incidence and Prevalence. Explain incidence and prevalence rate with suitable examples. | <b>05</b> |
|             | (c) Write roles and responsibilities of Hospital Pharmacist.                                                             | <b>05</b> |
| <b>Q. 6</b> | (a) Discuss the reasons to perform pharmacoepidemiological studies.                                                      | <b>06</b> |
|             | (b) Discuss dosing of drugs in infants and children.                                                                     | <b>05</b> |
|             | (c) Discuss distribution of narcotic and control substances in hospital.                                                 | <b>05</b> |
| <b>Q.7</b>  | (a) Discuss individualization of drug therapy.                                                                           | <b>06</b> |
|             | (b) Explain various methods to measure medication adherence and explain their features.                                  | <b>05</b> |
|             | (c) Discuss procurement and warehousing of drug and pharmaceuticals in hospital.                                         | <b>05</b> |

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