

GUJARAT TECHNOLOGICAL UNIVERSITY**M. Ph. - SEMESTER- I • EXAMINATION – SUMMER-2015****Subject Code:910206****Date:25-05-2015****Subject Name: Clinical and Hospital Pharmacy****Time: 02:30 pm to 05:30 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) | Write a short note in Pharmacy and Therapeutic Committee | 06 |
| | (b) | Discuss the management of radiation poisoning. | 05 |
| | (c) | Explain the measurement of relative and attributable risk with example. | 05 |
| Q.2 | (a) | Write the definition and role of clinical pharmacokinetics in drug therapy. | 06 |
| | (b) | Write the symptoms and management of organophosphorus poisoning. | 05 |
| | (c) | Explain VED, EOQ with appropriate formula. | 05 |
| Q.3 | (a) | Discuss therapeutic drug monitoring in CNS drugs. | 06 |
| | (b) | Write the difference between floor stock and individual prescription system. | 05 |
| | (c) | Write the importance of spontaneous reporting system. | 05 |
| Q.4 | (a) | Explain pharmacokinetic drug interactions at metabolic level with three examples for enzyme induction and inhibition. | 06 |
| | (b) | Discuss about the prescribing principles and drug dosing for elderly patients. | 05 |
| | (c) | Discuss distribution of narcotic and control substances in hospital. | 05 |
| Q.5 | (a) | Write a short note on the role and responsibilities of hospital pharmacist. | 06 |
| | (b) | Write a short note on food poisoning. | 05 |
| | (c) | Discuss the distribution and warehousing of drug and pharmaceuticals in hospital. | 05 |
| Q. 6 | (a) | Describe the organization and role of infection control committee. | 06 |
| | (b) | Explain the general principles involved in the management of poisoning. | 05 |
| | (c) | Discuss the merits and demerits of unit dose dispensing system. | 05 |
| Q.7 | (a) | Discuss the symptoms and management of lead poisoning. | 06 |
| | (b) | Write a short note about dose adjustment in patients with renal impairment. | 05 |
| | (c) | Write a short note on Budget in hospitals. | 05 |
