

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. Pharm. – SEMESTER – VI • EXAMINATION – WINTER • 2014**

**Subject Code: 260005**

**Date: 01-01-2015**

**Subject Name: Clinical Pharmacy-I**

**Time: 02:30 pm - 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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|-------------|---|-----------|
| <b>Q.1</b>  | (a) Define self medication. Write in detail about risk of self medication and role of clinical pharmacist in self medication. | <b>06</b> |
|             | (b) Write in detail about communication skill for effective patient counseling.   | <b>05</b> |
|             | (c) Write in brief about role of clinical pharmacist.   | <b>05</b> |
| <b>Q.2</b>  | (a) Write in detail about pharmacokinetic and pharmacodynamic consideration for drug therapy in geriatric patients.           | <b>06</b> |
|             | (b) Describe objectives and methodology of therapeutic drug monitoring.   | <b>05</b> |
|             | (c) Describe various cardiac markers for diagnosis of cardiac disorders.  | <b>05</b> |
| <b>Q.3</b>  | (a) Describe aetiology, clinical syndromes and treatment approach for stable angina.  | <b>06</b> |
|             | (b) Define patient counseling. Describe methods of patient counseling.  | <b>05</b> |
|             | (c) Describe in detail about various hematological test.  | <b>05</b> |
| <b>Q.4</b>  | (a) Write in brief about clinical manifestation, diagnosis and treatment of depression.                                       | <b>06</b> |
|             | (b) Describe pathophysiology and pharmacotherapy of congestive heart failure.   | <b>05</b> |
|             | (c) Describe various pharmacological factors effecting on drug treatment during pregnancy.                                    | <b>05</b> |
| <b>Q.5</b>  | (a) What is rational drug use? Why does need of rational use of drug concept? Explain steps for rational use of drugs.        | <b>06</b> |
|             | (b) Write in detail about aetiology and treatment plan with algorithm for management of arrhythmia.                           | <b>05</b> |
|             | (c) Define poison. Write note on atropine poisoning.  | <b>05</b> |
| <b>Q. 6</b> | (a) Write in detail about diagnosis and pharmacological management of acute renal failure.                                    | <b>06</b> |
|             | (b) Describe pathophysiology and treatment of schizophrenia.  | <b>05</b> |
|             | (c) Describe in detail about treatment of opioid poisoning.   | <b>05</b> |
| <b>Q.7</b>  | (a) Write in detail about symptoms, pathophysiology and therapeutical management of migraine.                                 | <b>06</b> |
|             | (b) Describe pathophysiology and treatment of megaloblastic anaemia.  | <b>05</b> |
|             | (c) Describe biochemical tests for diagnosis of liver diseases.   | <b>05</b> |

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