

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.PHARM – SEMESTER – 6- EXAMINATION –WINTER - 2018**

**Subject Code:260005****Date: 01/12/2018****Subject Name: Clinical Pharmacy - I****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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|-------------|-----|---|-----------|
| <b>Q.1</b>  | (a) | Describe risk factors and pathophysiology of congestive cardiac failure.                                  | <b>06</b> |
|             | (b) | Discuss the role of pharmacist in patient compliance.   | <b>05</b> |
|             | (c) | Discuss the scope of clinical pharmacy.   | <b>05</b> |
| <b>Q.2</b>  | (a) | Define patient counseling and write in detail about communication skill for effective patient counseling. | <b>06</b> |
|             | (b) | Write a short note on self medication.  | <b>05</b> |
|             | (c) | Discuss liver function tests in detail.   | <b>05</b> |
| <b>Q.3</b>  | (a) | Explain various types of arrhythmias with management.   | <b>06</b> |
|             | (b) | Discuss the drug used in geriatric patients in the term of the pharmacokinetics consideration.            | <b>05</b> |
|             | (c) | Describe various cardiac markers for diagnosis of cardiovascular diseases.                                | <b>05</b> |
| <b>Q.4</b>  | (a) | Classify types of anemia and describe in detail iron deficiency anemia.                                   | <b>06</b> |
|             | (b) | Discuss types and management of epilepsy.   | <b>05</b> |
|             | (c) | Write symptoms and management of schizophrenia.   | <b>05</b> |
| <b>Q.5</b>  | (a) | Describe the various etiological factors and management of acute renal failure.                           | <b>06</b> |
|             | (b) | Discuss etiology and pathophysiology parkinsonism.  | <b>05</b> |
|             | (c) | Discuss the heavy metal poisoning and its treatment.  | <b>05</b> |
| <b>Q. 6</b> | (a) | Discuss complications and management of hypertension.   | <b>06</b> |
|             | (b) | Define essential drugs. Give criteria for choice of essential drug and its advantages.                    | <b>05</b> |
|             | (c) | Discuss pathophysiology and treatment of migraine.  | <b>05</b> |
| <b>Q.7</b>  | (a) | Explain various pharmacological factors effecting on drug treatment to the pregnant women.                | <b>06</b> |
|             | (b) | Define poison. Describe the first aid and general treatment for poisons.                                  | <b>05</b> |
|             | (c) | Describe objectives and methodology of therapeutic drug monitoring.                                       | <b>05</b> |

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