

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**M. Pharm. – SEMESTER – II • EXAMINATION – SUMMER • 2015**

**Subject Code: 2920106**

**Date: 14-05-2015**

**Subject Name: Applied Pharmacotherapeutics-I**

**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.**

- |             |                                                                                           |           |
|-------------|-------------------------------------------------------------------------------------------|-----------|
| <b>Q.1</b>  | (a) Discuss pathophysiology and complications of Hypertension.                            | <b>06</b> |
|             | (b) Discuss pathophysiology of gastritis and its clinical picture.                        | <b>05</b> |
|             | (c) Explain etiology and mechanisms of arrhythmias.                                       | <b>05</b> |
| <b>Q.2</b>  | (a) Discuss risk factors, clinical symptoms, and diagnosis of hypothyroidism.             | <b>06</b> |
|             | (b) Discuss pathophysiology of hyperlipidemia.                                            | <b>05</b> |
|             | (c) Explain consequences of adrenocortical dysfunction.                                   | <b>05</b> |
| <b>Q.3</b>  | (a) Discuss pathophysiology and management of AV Block.                                   | <b>06</b> |
|             | (b) Explain etiology and management of diarrhoea.                                         | <b>05</b> |
|             | (c) Discuss etiology and management of Alzheimer's disease.                               | <b>05</b> |
| <b>Q.4</b>  | (a) Discuss pathophysiology and clinical picture of congestive heart failure.             | <b>06</b> |
|             | (b) Discuss pathophysiology of insomnia and anxiety.                                      | <b>05</b> |
|             | (c) Discuss etiology and management of cystic fibrosis.                                   | <b>05</b> |
| <b>Q.5</b>  | (a) Discuss etiology, clinical presentation and management of inflammatory bowel disease. | <b>06</b> |
|             | (b) Discuss investigations, complications and management of diabetes.                     | <b>05</b> |
|             | (c) Discuss etiology and management of epilepsy.                                          | <b>05</b> |
| <b>Q. 6</b> | (a) Discuss investigations, causes and management of hepatitis.                           | <b>06</b> |
|             | (b) Compare and contrast gastric ulcer and duodenal ulcer.                                | <b>05</b> |
|             | (c) Discuss etiology and management of WPW Syndrome.                                      | <b>05</b> |
| <b>Q.7</b>  | (a) Discuss pathogenesis and management of COPD.                                          | <b>06</b> |
|             | (b) Discuss clinical symptoms and management of depression.                               | <b>05</b> |
|             | (c) Discuss management of hypertension.                                                   | <b>05</b> |

\*\*\*\*\*