

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. Pharm. – SEMESTER – VIII • EXAMINATION – SUMMER 2013**

**Subject Code: 280006**

**Date: 24-05-2013**

**Subject Name: Clinical Pharmacy-II**

**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 the significance of prescription monitoring. What is the role of clinical pharmacist in this process.                                    | <b>06</b> |
|             | (b) Explain the pathogenesis behind peptic ulcer disease. How gastric ulcer can be differentiated from duodenal ulcer?                             | <b>05</b> |
|             | (c) Write a note on thyroid function tests used to establish thyroid disorders.                                                                    | <b>05</b> |
| <b>Q.2</b>  | (a) Classify adverse drug reactions. Write a note on pharmacovigilance.                                                                            | <b>06</b> |
|             | (b) What is open angle and close angle glaucoma? Which methods are used to diagnose glaucoma?                                                      | <b>05</b> |
|             | (c) Explain the pathogenesis of asthma. Write differences between Bronchial asthma and COPD.                                                       | <b>05</b> |
| <b>Q.3</b>  | (a) Define hepatitis. What are signs and symptoms of hepatitis. Mention the laboratory investigations which are used to diagnose hepatitis.        | <b>06</b> |
|             | (b) Explain the need for pharmacoeconomics in Indian environment of pharmacy practice. Explain various types of pharmacoeconomic evaluations done. | <b>05</b> |
|             | (c) Write a note on hormone replacement therapy for post menopausal women.                                                                         | <b>05</b> |
| <b>Q.4</b>  | (a) Mention the risk factors and preventive and treatment strategies of pneumonia.                                                                 | <b>06</b> |
|             | (b) What is glycosylated hemoglobin? What are the recent developments in the treatment of diabetes mellitus?                                       | <b>05</b> |
|             | (c) Write a note on stem cell transplantation                                                                                                      | <b>05</b> |
| <b>Q.5</b>  | (a) How breast cancer can be detected and which factors have increased the risk of prevalence of breast cancer?                                    | <b>06</b> |
|             | (b) Obesity is one of the leading cause of death worldwide. Justify and suggest its management pharmacologically.                                  | <b>05</b> |
|             | (c) What are nosocomial infections? Give examples and methods to prevent their spread.                                                             | <b>05</b> |
| <b>Q. 6</b> | (a) Explain differences between osteoporosis, Rheumatoid arthritis and gout and their management briefly.                                          | <b>06</b> |
|             | (b) Explain the pathogenesis and clinical manifestations of AIDS.                                                                                  | <b>05</b> |
|             | (c) Which risk factors promote the development of bed / pressure sores? What are the treatment options for same?                                   | <b>05</b> |
| <b>Q.7</b>  | (a) Discuss signs and symptoms and complications of urinary tract infections.                                                                      | <b>06</b> |
|             | (b) Discuss about pathogenesis of viral diseases spreading through chicken and pigs                                                                | <b>05</b> |
|             | (c) Write a note on leptospirosis.                                                                                                                 | <b>05</b> |

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