

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**B.PHARM. - SEMESTER- VIII • EXAMINATION – SUMMER-2016**

**Subject Code: 280006**

**Date: 10/05/2016**

**Subject Name: Clinical Pharmacy-II**

**Time: 10:30 AM to 1:30 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 types, risk factors, diagnosis and treatment of lymphomas.  | <b>06</b> |
|             | (b) | Discuss pathophysiology, diagnosis and treatment of COPD.   | <b>05</b> |
|             | (c) | Describe in detail about Pharmacoeconomics.   | <b>05</b> |
| <b>Q.2</b>  | (a) | Explain Drug-Drug interactions of clinical relevance giving suitable examples. What is the role of clinical pharmacist in minimizing adverse drug interactions?     | <b>06</b> |
|             | (b) | Suggest a suitable therapeutic plan for the clinical management of hyperthyroidism.   | <b>05</b> |
|             | (c) | Write symptoms and treatment of Prostate cancer.  | <b>05</b> |
| <b>Q.3</b>  | (a) | Explain the pathophysiology and management of glaucoma, emphasizing on the recent trends for the same.  | <b>06</b> |
|             | (b) | Explain the pathophysiology of the Diabetic foot infections and Meningitis.   | <b>05</b> |
|             | (c) | Write symptoms, laboratory findings, complications of hepatitis.  | <b>05</b> |
| <b>Q.4</b>  | (a) | Give the NIH treatment algorithm for Bronchial Asthma exacerbation as the home based management and emergency /hospital treatment.                                  | <b>06</b> |
|             | (b) | Discuss DMARD for the management of Rheumatoid arthritis.   | <b>05</b> |
|             | (c) | Discuss the pathogenesis and management of Septicemia.  | <b>05</b> |
| <b>Q.5</b>  | (a) | Enlist all the long term complications associated with Diabetes mellitus. Explain any one of them in detail.  | <b>06</b> |
|             | (b) | Write etiology, symptoms, and management of hypothyroidism.   | <b>05</b> |
|             | (c) | Write clinical manifestations and treatment algorithm for Inflammatory bowel disease.   | <b>05</b> |
| <b>Q. 6</b> | (a) | Discuss the pathogenesis of AIDS and management of AIDS associated complications.   | <b>06</b> |
|             | (b) | Explain various etiological factors and clinical management of Urinary tract infections.  | <b>05</b> |
|             | (c) | Describe the prevention and treatment of nosocomial infection.  | <b>05</b> |
| <b>Q.7</b>  | (a) | What are various factors responsible for occurrence of Peptic Ulcer? Write in detail about pharmacotherapeutic agents used to eradicate <i>H. Pylori</i> infection. | <b>06</b> |
|             | (b) | Write a short note on Breast Cancer.  | <b>05</b> |
|             | (c) | Describe in details about Pharmacovigilance and the role of clinical pharmacist in it.  | <b>05</b> |

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