

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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|-------------|--|-----------|
| Q.1 | (a) Write the significance of prescription monitoring. What is the role of clinical pharmacist in this process. | 06 |
| | (b) Explain the pathogenesis behind peptic ulcer disease. How gastric ulcer can be differentiated from duodenal ulcer? | 05 |
| | (c) Write a note on thyroid function tests used to establish thyroid disorders. | 05 |
| Q.2 | (a) Classify adverse drug reactions. Write a note on pharmacovigilance. | 06 |
| | (b) What is open angle and close angle glaucoma? Which methods are used to diagnose glaucoma? | 05 |
| | (c) Explain the pathogenesis of asthma. Write differences between Bronchial asthma and COPD. | 05 |
| Q.3 | (a) Define hepatitis. What are signs and symptoms of hepatitis. Mention the laboratory investigations which are used to diagnose hepatitis. | 06 |
| | (b) Explain the need for pharmacoeconomics in Indian environment of pharmacy practice. Explain various types of pharmacoeconomic evaluations done. | 05 |
| | (c) Write a note on hormone replacement therapy for post menopausal women. | 05 |
| Q.4 | (a) Mention the risk factors and preventive and treatment strategies of pneumonia. | 06 |
| | (b) What is glycosylated hemoglobin? What are the recent developments in the treatment of diabetes mellitus? | 05 |
| | (c) Write a note on stem cell transplantation | 05 |
| Q.5 | (a) How breast cancer can be detected and which factors have increased the risk of prevalence of breast cancer? | 06 |
| | (b) Obesity is one of the leading cause of death worldwide. Justify and suggest its management pharmacologically. | 05 |
| | (c) What are nosocomial infections? Give examples and methods to prevent their spread. | 05 |
| Q. 6 | (a) Explain differences between osteoporosis, Rheumatoid arthritis and gout and their management briefly. | 06 |
| | (b) Explain the pathogenesis and clinical manifestations of AIDS. | 05 |
| | (c) Which risk factors promote the development of bed / pressure sores? What are the treatment options for same? | 05 |
| Q.7 | (a) Discuss signs and symptoms and complications of urinary tract infections. | 06 |
| | (b) Discuss about pathogenesis of viral diseases spreading through chicken and pigs | 05 |
| | (c) Write a note on leptospirosis. | 05 |
