

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 8 EXAMINATION – SUMMER -2019

Subject Code: 280006

Date: 18-05-2019

Subject Name: Clinical Pharmacy - II

Time: 10:30 AM TO 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.

- Q.1** (a) Define pharmacoeconomics. Describe cost-benefit analysis with suitable example. **06**
(b) Explain Type A and Type B adverse drug reactions (ADRs) and write methods of detection and monitoring of ADRs. **05**
(c) Describe risk factors and diagnosis of breast cancer. **05**
- Q.2** (a) Discuss pharmacokinetic drug interactions with examples and methods to minimize them. **06**
(b) Explain pathophysiology and treatment of peptic ulcer diseases. **05**
(c) Write the significance of prescription monitoring. What is the role of clinical pharmacist in this process? **05**
- Q.3** (a) Write diagnosis and management of rheumatoid arthritis. **06**
(b) Explain the pathogenesis of asthma. Write differences between bronchial asthma and COPD. **05**
(c) Write a note on hormone replacement therapy for post menopausal women. **05**
- Q.4** (a) Define diabetes mellitus. Explain its etiology, pathophysiology and classify anti-diabetic agents with suitable examples. **06**
(b) Write a note on the diagnosis & management of prostate cancer. **05**
(c) Write short note on pharmacovigilance. **05**
- Q.5** (a) Mention the micro-organism that causing SARS. Write risk factors, diagnosis, and treatment of it. **06**
(b) Discuss signs and symptoms and complications of urinary tract infections. **05**
(c) Write a note on surgical antibiotic prophylaxis. **05**
- Q. 6** (a) What is filariasis? Describe its pathogenesis, symptoms, and treatment **06**
(b) What is HAART? Enlist therapy for AIDS. **05**
(c) Classify obesity. Describe risk factors and long term complications of obesity. **05**
- Q.7** (a) Explain diagnosis and management of tuberculosis. **06**
(b) Describe risk factors and long term complications of obesity. **05**
(c) What is open angle and close angle glaucoma? Mention the methods used to diagnose glaucoma. **05**
