

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M.Pharm Semester –II Examination Dec. - 2011

Subject code: 920203

Date: 12/12/2011

Subject Name: Pharmacotherapeutics

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.**

- Q.1** (a) Describe the role of various etiological factors in the occurrence of Parkinson's disease. **06**
(b) Write in detail on the pharmacotherapy of Glaucoma. **05**
(c) Briefly explain the pathophysiology of Congestive Cardiac Failure. **05**
- Q.2** (a) Describe various investigation performed for the diagnosis of Acute renal failure. **06**
(b) Classify spasticity, and enlist the etiological factors responsible for spasticity. **05**
(c) Write in short on Iron deficiency anemia. **05**
- Q.3** (a) Briefly explain the pharmacotherapy and diagnostic test used for Angina pectoris. **06**
(b) Describe the pathophysiology and pharmacotherapy of Migraine. **05**
(c) Write short notes on: **05**
 i. Insomnia
 ii. Acute Coronary Syndrome
- Q.4** (a) Describe the clinical significance of laboratory test for the diagnosis of Hypothyroidism. **06**
(b) Explain the role of *H. pylori* in Peptic Ulcer disease and also give therapeutic plan for its treatment. **05**
(c) Write in brief on Wolff-Parkinsons-White-Syndrome **05**
- Q.5** (a) Write short notes on: **06**
 i. Dysmenorrhea ii) Allergic rhinitis
(b) Describe the pathophysiology and clinical manifestations of Alzheimer's disease. **05**
(c) Explain briefly various etiological factors responsible for Hypertension. **05**
- Q. 6** (a) Differentiate between: **06**
 i. Gastric ulcer and Duodenal ulcer
 ii. Typical antipsychotics and atypical antipsychotics
 iii. Grand Mal epilepsy and Petit Mal epilepsy
(b) Give the therapeutic plan for the treatment of Epilepsy. **05**
(c) Enlist all the long term complications associated with Diabetes mellitus. **05**
 Explain any one of them in detail.
- Q.7** (a) Briefly describe the pathophysiology and pharmacotherapy of Atherosclerosis. **06**
(b) Write short notes on: **05**
 i. Constipation ii) Adrenocortical dysfunction
(c) Give the NIH treatment algorithm for Bronchial Asthma exacerbation as the home based management and emergency /hospital treatment. **05**
