

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**

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