| Seat 1 | No.:          | Enrolment No.   |          |
|--------|---------------|---|----------|
|        |               | GUJARAT TECHNOLOGICAL UNIVERSITY  |          |
|        |               | M.Pharm Semester –II Examination Dec 2011   |          |
| J      |               |   |          |
| _      |               | Name: Pharmacotherapeutics  |          |
| Instr  |               | 0.30 am – 01.30 pm Total Marks: 80  |          |
| 111501 |               | Attempt any five questions.   |          |
|        |               | Make suitable assumptions wherever necessary.   |          |
| Q.1    | <b>3.</b> (a) | <del>-</del>  | 06       |
|        | (b)           | Parkinson's disease. 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       |
|        |               | <ul><li>i. Insomnia</li><li>ii. Acute Coronary Syndrome</li></ul>   |          |
| Q.4    | (a)           | Describe the clinical significance of laboratory test for the diagnosis of Hypothyroidism.  | 06       |
|        | (b)           | Explain the role of <i>H. pylori</i> in Peptic Ulcer disease and also give therapeutic  | 05       |
|        | (c)           | plan for its treatment.<br>Write in brief on Wolff-Parkinsons-White-Syndrome  | 05       |
| Q.5    | (a)           | Write short notes on:   | 06       |
| Q.S    | (u)           | i. Dysmenorrhea ii) Allergic rhinitis   | vv       |
|        | (b)           | Describe the pathophysiology and clinical manifestations of Alzheimer's   | 05       |
|        | (c)           | disease. 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  |          |
|        | (b)           | iii. Grand Mal epilepsy and Petit Mal epilepsy  | 05       |
|        | (b)<br>(c)    | Give the therapeutic plan for the treatment of Epilepsy.  Enlist all the long term complications associated with Diabetes mellitus. | 05<br>05 |
|        | (•)           | Explain any one of them in detail.  | •••      |
| 0.5    |               |   | 0.       |
| Q.7    | (a)           | Briefly describe the pathophysiology and pharmacotherapy of Atherosclerosis.  | U6       |
|        | (b)           | Write short notes on:   | 05       |
|        | ` /           | i. Constipation ii) Adrenocortical dysfunction  |          |
|        | (c)           | Give the NIH treatment algorithm for Bronchial Asthma exacerbation as the   | 05       |
|        |               | home based management and emergency /hospital treatment.  ***********************************                                       |          |