*Seat No.: _____* *Enrolment No._____*

# GUJARAT TECHNOLOGICAL UNIVERSITY

**M. Pharmacy Sem-II Examination July 2010**

**Subject code:920203**

**Subject Name: Pharmacotherapeutics**

**Date: 07 /07/ 2010** **Time: 11.00 am – 02.00 pm**

***Instructions:*** **Total Marks: 80**

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) | Describe pathophysiology of bronchial asthma. | **06** |
| | (b) | Discuss pathophysiology of congestive cardiac failure. | **05** |
| | (c) | Discuss various mechanisms responsible for cardiac arrhythmias. | **05** |
| **Q.2** | (a) | Discuss etiology, diagnosis, and management of acute renal failure. | **06** |
| | (b) | Discuss management of epilepsy in general. | **05** |
| | (c) | Discuss etiopathogenesis involved in inflammatory bowel disease. | **05** |
| **Q.3** | (a) | Discuss pathophysiology of insomnia and anxiety. | **06** |
| | (b) | Discuss pathophysiology of migraine. | **05** |
| | (c) | Discuss DMARD for the management of rheumatoid arthritis. | **05** |
| **Q.4** | (a) | Discuss etiology and treatment of Parkinson's disease. | **06** |
| | (b) | Discuss management of Alzheimer's disease. | **05** |
| | (c) | Discuss various complications of diabetes and their management. | **05** |
| **Q.5** | (a) | Discuss complications and management of respiratory infections. | **06** |
| | (b) | Write etiology, symptoms, and management of hypothyroidism. | **05** |
| | (c) | Write the management of glaucoma. | **05** |
| **Q. 6** | (a) | Discuss management of schizophrenia. | **06** |
| | (b) | Discuss pathogenesis of atherosclerosis. | **05** |
| | (c) | Discuss the management of hypertension. | **05** |
| **Q. 7** | (a) | Write symptoms, laboratory findings, complications of hepatitis. | **06** |
| | (b) | Discuss etiology and management of diarrhoea. | **05** |
| | (c) | Discuss the management of anaemia. | **05** |

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