

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharm. Semester – IIND Examination – June/July- 2011

Subject code: 920203

Subject Name: Pharmacotherapeutics

Date: 04/07/2011

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 pathophysiology and management of the AV block. | 06 |
| | (b) | Explain in detail the pharmacotherapy of Inflammatory bowel diseases (IBD). | 05 |
| | (c) | Write a brief account on the following: | 05 |
| | | a) Dysmenorrhea | |
| | | b) Infertility in males | |
| Q.2 | (a) | What are the diagnostic features of Parkinson's disease? | 06 |
| | (b) | How will you diagnose a thyroid disorder? | 05 |
| | (c) | Describe the mechanism of cough and its pharmacological management. | 05 |
| Q.3 | (a) | Explain the pathophysiology and management of glaucoma, emphasizing on the recent trends for the same | 06 |
| | (b) | Suggest a suitable therapeutic plan for the clinical management of hyperthyroidism. | 05 |
| | (c) | Describe various causes responsible for the development of Alzheimer's diseases giving suitable explanations | 05 |
| Q.4 | (a) | Write the diagnostic procedures for renal failure. | 06 |
| | (b) | What are various factors responsible for occurrence of Peptic Ulcer? Write in detail about pharmacotherapeutic agents used to eradicate <i>H. Pylori</i> infection. | 05 |
| | (c) | Describe the pathophysiology, clinical presentations and diagnosis of Sickle cell anemia | 05 |
| Q.5 | (a) | Describe various types of Diarrhea and explain their pharmacotherapy. | 06 |
| | (b) | Write a brief account on Allergic Rhinitis | 05 |
| | (c) | Classify various types of schizophrenia. Describe various hypothesis explaining the pathophysiology of schizophrenia | 05 |
| Q. 6 | (a) | Describe the pathophysiology of Bronchial Asthma and its diagnosis. | 06 |
| | (b) | Enlist Adrenocortical dysfunction and explain any one of them in detail. | 05 |
| | (c) | Describe the detection and management of hypertension as suggested in JNC--VII guidelines. | 05 |

- Q.7** **(a)** Enumerate various long term complications of Diabetes mellitus and describe briefly any two of them. **06**
- (b)** Write pathogenesis and management of atherosclerosis. **05**
- (c)** Describe the pathophysiology, prophylaxis and management of migraine **05**
