

GUJARAT TECHNOLOGICAL UNIVERSITY
M. Pharm. – SEMESTER – II • EXAMINATION – SUMMER • 2014

Subject Code: 2920203**Date: 31-05-2014****Subject Name: Pharmacotherapeutics****Time: 02:30 pm - 05:30 pm****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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| Q.1 | (a) Describe the etiology and pathophysiology of Parkinson's diseases | 06 |
| | (b) Briefly explain the pharmacotherapy and diagnostic test used for Angina Pectoris | 05 |
| | (c) Enlist all the long term clinical complication of diabetes mellitus and explain any two of them in detail | 05 |
| Q.2 | (a) Describe the pathophysiology and management of migraine | 06 |
| | (b) What is Alzheimer's disease? Describe how various etiological factors are responsible for the development of amyloid plaque and neurofibrillary tangles in Alzheimer's diseases. | 05 |
| | (c) Write etiology, diagnostic procedures and management of acute renal failure | 05 |
| Q.3 | (a) Describe the pathophysiology and pharmacotherapy of Atherosclerosis | 06 |
| | (b) Explain different types of epilepsy and drugs of first choice for the treatment. | 05 |
| | (c) Write a note on infertility in females and its management | 05 |
| Q.4 | (a) Describe the JNC-VII guidelines for diagnosis and management of hypertension | 06 |
| | (b) Suggest a suitable plan for the clinical management of hyperthyroidism | 05 |
| | (c) What are the clinical manifestations of schizophrenia? | 05 |
| Q.5 | (a) Explain pathophysiology, clinical presentations and diagnosis of the Iron deficiency anemia | 06 |
| | (b) Enlist adrenocortical dysfunction and explain any one of them in detail | 05 |
| | (c) Explain thromboembolic disorders along with pathogenesis and management. | 05 |
| Q.6 | (a) Describe pathophysiology and diagnosis of bronchial asthma | 06 |
| | (b) Describe the clinical manifestations, diagnosis and management of CHF | 05 |
| | (c) Write a note on Wolf Parkinson's syndrome | 05 |
| Q.7 | (a) Describe the role of offensive and defensive factors in the pathophysiology of peptic ulcer? What are the therapeutic options available for its treatment? | 06 |
| | (b) Describe the pathophysiology, clinical manifestation and management of glaucoma | 05 |
| | (c) Describe various types of Diarrhea and explain their pharmacotherapy | 05 |
