

GUJARAT TECHNOLOGICAL UNIVERSITY**M.PHARM - SEMESTER-II - EXAMINATION - WINTER 2016****Subject Code: 2920203****Date: 02/12/2016****Subject Name: Pharmacotherapeutics****Time: 10.30 am to 1.30 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) Briefly explain pharmacotherapy and diagnostic tests for angina pectoris. **06**
(b) Write short notes on: **05**
(i) Constipation (ii) Allergic rhinitis
(c) Explain various etiological factors responsible for hypertension. **05**
- Q.2** (a) Explain various types of schizophrenia. Describe various hypotheses that explain the pathophysiology of schizophrenia. **06**
(b) Write short notes on: **05**
(i) Acute coronary syndrome (ii) Infertility in males
(c) Discuss recent advances in treatment of glaucoma. **05**
- Q.3** (a) Differentiate between: **06**
(i) Gastric ulcer and duodenal ulcer
(ii) Grand Mal epilepsy and Petit Mal epilepsy
(b) Describe clinical features and treatment approach for parkinsonism. **05**
(c) Describe pharmacotherapy of bronchial asthma. **05**
- Q.4** (a) Enlist long term complications associated with diabetes mellitus. Explain any one of them in detail. **06**
(b) Describe pharmacological management of cough. **05**
(c) Describe clinical management of hypothyroidism **05**
- Q.5** (a) Discuss etiology, diagnosis and treatment of acute renal failure. **06**
(b) Describe pathophysiology of cardiac arrhythmias. **05**
(c) Discuss pharmacological management of Alzheimer's disease. **05**
- Q.6** (a) Describe signs & symptoms, diagnostic tests and various complications of hepatitis. **06**
(b) Discuss pharmacological management of anaemia. **05**
(c) Discuss pathophysiology, diagnosis and treatment of chronic obstructive pulmonary disease. **05**
- Q.7** (a) Describe pathophysiology and diagnosis of congestive heart failure. Explain role of ACE inhibitors in its treatment. **06**
(b) Write symptoms and treatment intervention for benign prostrate hypertrophy. **05**
(c) Discuss pathogenesis and management of atherosclerosis. **05**
