

GUJARAT TECHNOLOGICAL UNIVERSITY
M.PHARM - SEMESTER– II • EXAMINATION – SUMMER 2016

Subject Code: 2920203**Date: 21/05/2016****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) Give the etiology and pathophysiology of Bronchial Asthma. (6)
(b) Describe the clinical features, diagnostic tests and treatment of Hepatitis. (5)
(c) Write a short note on –Diagnosis and treatment of Benign Prostatic Hypertrophy (5)
- Q.2** (a) Give the classification of Diabetes Mellitus based on characteristics of each type and briefly describe long term complications of Diabetes. (6)
(b) Discuss etiology, diagnosis and management of Acute Renal Failure. (5)
(c) Write a short note on management of Alzheimer’s Disease. (5)
- Q.3** (a) Discuss the pathophysiology and clinical signs and symptoms of Congestive Cardiac Failure (CCF). (6)
(b) Give the etiology of Schizophrenia and differentiate between positive and negative symptoms of Schizophrenia. (5)
(c) Classify antihypertensive agents and justify the use of β - blockers and ACE inhibitors in treatment of hypertension. (5)
- Q.4** (a) Discuss etiology, pathophysiology and clinical features of Parkinson’s disease. (6)
(b) Describe the clinical features and drug therapy of Glaucoma. (5)
(c) Write a short note on etiology and management of Diarrhoea. (5)
- Q.5** (a) Discuss the pathophysiology of Angina Pectoris and justify the use of nitrates in treatment of angina. (6)
(b) Give the clinical features and drug treatment of Ulcerative Colitis. (5)
(c) Write a short note on migraine. (5)
- Q.6** (a) Discuss etiology, pathophysiology and clinical features of hyperthyroidism. (6)
(b) Classify Anemia and write in brief about management of nutritional anemia. (5)
(c) Justify the use of- (5)
(i) Statins in atherosclerosis
(ii) Quinidine in arrhythmia
(iii) Digoxin in CCF
- Q.7** (a) Give the etiology, pathophysiology and sign and symptoms of Peptic Ulcer Disease. (6)
(b) Discuss the diagnosis and management of chronic obstructive pulmonary disease. (5)
(c) Write a short note on coronary angiography and coronary artery bypass graft surgery (CABG). (5)
