

GUJARAT TECHNOLOGICAL UNIVERSITY
Pharm D –Year-II • EXAMINATION – SUMMER - 2024

Subject Code: 828806**Date:01/06/2024****Subject Name: Pharmacotherapeutics-I****Time: 10:30am to 01:30pm****Total Marks: 70****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 etiology, pathogenesis, clinical features and management of Diabetes Mellitus. **06**
- (b) Explain the pharmacokinetics of drug therapy and the general principles involved and goals of therapy for Pediatric patient. **04**
- (c) Define: Hyperthyroidism. Discuss its pathophysiology and clinical symptoms. **04**
- Q.2** (a) Explain the triggering factors, pathophysiology and pharmacotherapy of Asthma. **06**
- (b) Discuss about the drugs used in the management of Chronic Obstructive Pulmonary Disease. **04**
- (c) Elucidate about various types of Arrhythmia and write the management of Arrhythmia. **04**
- Q.3** (a) Write about the types, pathophysiology and management of Glaucoma. **06**
- (b) Explain in detail: Complications and management of Hyperlipidemia. **04**
- (c) What is Atherosclerosis? And explain the development of Atherosclerosis. **04**
- Q.4** (a) Write about Hypertension. Define the types, clinical manifestations, and management of Hypertension. **06**
- (b) Discuss the clinical features and management of Conjunctivitis. **04**
- (c) Short note on: Oral contraceptive drugs and its usage. **04**
- Q.5** (a) Elaborate on: Prescribing guidelines for Geriatric population. **06**
- (b) Write in detail about the diagnosis and management of Osteoporosis. **04**
- (c) Distinguish between: Right Heart failure and Left Heart failure. **04**
- Q.6** (a) Define Congestive Cardiac Failure. Write the etiology, clinical manifestations, pathophysiology, and management of CCF. **06**
- (b) Explain the pharmacokinetics of the drug therapy and general principles involved therapy for Pregnancy in detail. **04**
- (c) Define Myocardial Infarction and write its pharmacotherapy. **04**
- Q.7** (a) Define the types, clinical manifestations, management of Ischemic Heart Disease. **06**
- (b) Write a note on drug induced pulmonary diseases. **04**
- (c) Define rational drug use and write about the role of pharmacist in rational drug use. **04**
