

GUJARAT TECHNOLOGICAL UNIVERSITY
Pharm D – 2nd Year • EXAMINATION – SUMMER- 2022

Subject Code: Pharmacotherapeutics-I**Date:13/06/2022****Subject Name: 828806****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 etiology and pathogenesis of Hypertension. Classify Antihypertensive agents. **06**
(b) Define and classify cardiotoxic agents. Describe pharmacology of Digitalis. **04**
(c) Describe pathogenesis of Myocardial infarction. **04**
- Q.2** (a) Write a note on cardiac cycle with labelled diagram. **06**
(b) Explain the pathogenesis and treatment of closed angle glaucoma. **04**
(c) Describe the treatment of Angina Pectoris. **04**
- Q.3** (a) What is the pharmacological and non-pharmacological treatment of Hyperlipidemia? **06**
(b) Classify marketed insulin preparations. Describe anyone in detail. **04**
(c) Write a note on essential drugs. **04**
- Q.4** (a) Describe etiology, pathogenesis and symptoms of Hypothyroidism. **06**
(b) Describe sign, symptoms and treatment of digitalis poisoning. **04**
(c) Write a note on bacterial conjunctivitis. **04**
- Q.5** (a) Describe the role of pharmacist in improvement of rational use of drug. **06**
(b) How the pharmacokinetic parameters affect dosing in pediatric patients. **04**
(c) Explain in detail the pathogenesis and treatment of asthma. **04**
- Q. 6** (a) Describe the guideline for the treatment of lactating mothers. **06**
(b) Write a note on Osteoporosis. **04**
(c) Describe the symptoms and treatment of COPD. **04**
- Q.7** (a) Describe the factors that affect the dosing in geriatric patient. **06**
(b) Define and Classify teratogens with example. **04**
(c) Write a note on hormone replacement therapy. **04**
