

GUJARAT TECHNOLOGICAL UNIVERSITY**Pharm D – 2nd Year • EXAMINATION – WINTER - 2023****Subject Code: 828806****Date: 23/01/2024****Subject Name: PHARMACOTHERAPEUTICS-I****Time: 2:30 PM to 5:30 PM****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) Define Congestive Cardiac failure and explain the clinical manifestation and management of CCF.	06
	(b) Explain the mechanism of oral contraceptive drugs.	04
	(c) Explain the differential diagnosis for Asthma and COPD.	04
Q.2	(a) Describe the pathogenesis, clinical features, and pharmacotherapy for the management of Type-II Diabetes.	06
	(b) Explain the measures and drug use indicators to promote Rational drug use.	04
	(c) Explain the pharmacotherapy for glaucoma.	04
Q.3	(a) Classify the Anti-anginal agents and explain the pharmacology of vasodilators.	06
	(b) What are the factors to be considered while prescribing for geriatric patients?	04
	(c) Explain the complications of diabetes in detail.	04
Q.4	(a) Explain the clinical manifestations and management protocol for asthma.	06
	(b) Explain the role of a pharmacist in essential drug concepts.	04
	(c) What are the clinical manifestations and management of conjunctivitis?	04
Q.5	(a) Explain the general principles involved in therapy for Pregnancy in detail and how will you calculate the dose for the pediatric age group?	06
	(b) Write briefly about the drug induced pulmonary diseases.	04
	(c) Write a note on osteoporosis and its management.	04
Q.6	(a) Give the differential diagnosis for Angina pectoris and Myocardial infarction and explain the therapeutic management of myocardial infarction.	06
	(b) Classify hypertension as per JNC 8 guidelines and explain the role of the DASH diet in the management of Hypertension.	04
	(c) Explain the clinical symptoms and management of Hyperthyroidism.	04
Q.7	(a) Define Hyperlipidemia. Explain the complications and management of hyperlipidemia.	06
	(b) Give the classification of drugs in the management of arrhythmias. Explain the toxicities associated with the use of Quinidine.	04
	(c) Elucidate about Hormone replacement therapy and its disadvantages.	04
