

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm.- SEMESTER VIII • EXAMINATION – SUMMER -2022

Subject Code: 2280004**Date: 06/06/2022****Subject Name: Pharmacology & Pharmacotherapeutics-IV****Time:10:30AM TO 01:30PM****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) Define hypertension. Describe etiology and management of hypertension.	06
	(b) Classify antiplatelet drugs. Write down pharmacology of aspirin.	05
	(c) Write a note on erectile dysfunction.	05
Q.2	(a) Classify diuretics. Write down pharmacology of furosemide.	06
	(b) Define and classify angina. Explain the pathophysiology of angina.	05
	(c) Write a note on hormonal contraceptives.	05
Q.3	(a) Explain in detail management of congestive heart failure.	06
	(b) Write a note on selective estrogen receptors modulators.	05
	(c) Classify anticoagulants. Describe pharmacology of warfarin.	05
Q.4	(a) Classify lipid lowering agents. Write note on HMG CoA reductase inhibitors.	06
	(b) Write down etiology, diagnosis and management of hypoparathyroidism.	05
	(c) Write a note on premenstrual syndrome.	05
Q.5	(a) Describe sign and symptoms and treatment of hyperthyroidism.	06
	(b) Define arrhythmia. Describe pathophysiology of cardiac arrhythmias.	05
	(c) Write a note on venous thromboembolism.	05
Q. 6	(a) Define diabetes mellitus. Describe in detail pathophysiology and signs & symptoms of diabetes mellitus.	06
	(b) Describe in detail management of acute renal failure.	05
	(c) Write a note on hematinics.	05
Q.7	(a) Describe risk factors, pathophysiology and treatment of obesity.	06
	(b) Classify anemias. Write a note on Iron deficiency anemia.	05
	(c) Write a note on plasma expanders.	05
