

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 8 EXAMINATION – SUMMER-2024

Subject Code:2280004**Date: 13/05/2024****Subject Name: Pharmacology and Pharmacotherapeutics – IV****Time: 10.30 a.m. to 1.30 p.m.****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) Write note on management of acute renal failure	06
	(b) Classify anemias. write detailed note on iron deficiency anemia	05
	(c) Write a note on hormonal contraceptives.	05
Q.2	(a) Discuss the pathophysiology, clinical presentation and diagnosis of Angina Pectoris.	06
	(b) Write a short note on plasma volume expanders	05
	(c) Write note on HMG CoA reductase inhibitors	05
Q.3	(a) Write down sign-symptoms, pathophysiology and treatment of Thrombosis.	06
	(b) Explain about SERM in details.	05
	(c) Write a short note on Anti-thyroid drugs	05
Q.4	(a) Describe etiology, diagnosis and treatment of obesity	06
	(b) Describe the mechanism of action and adverse effects of ACE Inhibitors.	05
	(c) Discuss pharmacology of warfarin	05
Q.5	(a) Write pathophysiology, diagnosis and management of hypertension.	06
	(b) Write about treatment and management of Erectile dysfunction	05
	(c) Write about various hematinics drugs in details.	05
Q. 6	(a) Discuss etiology of cardiac arrhythmia and explain management of it in detail	06
	(b) Write pathophysiology, diagnosis and treatment of bone disorders.	05
	(c) Discuss pharmacology of Tocolytics	05
Q.7	(a) Discuss the pathophysiology, clinical features and tests for diagnosis of CCF.	06
	(b) Write a short note on: long term complications of Diabetes Mellitus.	05
	(c) Write about mechanism of actions and medicinal uses of anti-androgens	05
