

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER - VIII EXAMINATION - WINTER 2025

Subject Code: 2280004

Date: 19-11-2025

Subject Name: Pharmacology and Pharmacotherapeutics – IV

Time: 02:30 PM TO 05:30 PM

Total Marks: 80

Instructions

- 1. Attempt any five questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

	Marks
Q.1 (a) Enlist various hormonal contraceptives and discuss their adverse effects	06
(b) Write a note on potassium sparing diuretics	05
(c) Write a note on management of digoxin toxicity	05
Q.2 (a) Explain the physiological role of renin- angiotensin- aldosterone system	06
(b) Write a note on complications and treatment of iron deficiency anaemia	05
(c) Discuss pharmacology of quinidine	05
Q.3 (a) Classify hypolipidemic agents and explain the pharmacology of statins	06
(b) Write a note on iron poisoning and its treatment	05
(c) Justify the use of organic nitrates in angina pectoris?	05
Q.4 (a) Describe pathophysiology and management of thrombosis	06
(b) Write a note on tocolytics	05
(c) Describe the role of anti-androgens in treatment of prostate cancer	05
Q.5 (a) Enlist selective estrogen receptor modulators (SERM) and describe pharmacology of tamoxifen	06
(b) Discuss pharmacology of sildenafil	05
(c) Write a note on cyanide poisoning and its treatment	05
Q.6 (a) Classify and describe therapeutic uses of anti-thyroid drugs	06
(b) Write a short note on aromatase inhibitors	05
(c) Write a note on oral anticoagulants	05
Q.7 (a) Describe on treatment and management of osteoporosis	06
(b) Discuss pharmacology of fibrinolytic drugs	05
(c) Write a short note on pharmacology of plasma volume expanders	05
