

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 8 EXAMINATION – WINTER -2019

Subject Code: 2280004**Date: 21-11-2019****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.

Q.1	(a)	Classify diuretics with examples. Write pharmacology of loop diuretics	06
	(b)	Discuss etiology of cardiac arrhythmia and explain management of it in detail	05
	(c)	Write note on management of acute renal failure	05
Q.2	(a)	Discuss pathophysiology and management of hyperthyroidism	06
	(b)	Discuss etiology ,sign,symptom and treatment of angina pectoris	05
	(c)	Discuss drugs used as oxytocic and tocolytic agents	05
Q.3	(a)	Classify antiplatelet drugs and write their indications and adverse effects	06
	(b)	Discuss diagnosis, management and advance treatment of diabetes mellitus	05
	(c)	Write in detail about pulmonary embolism	05
Q.4	(a)	Classify anemias write detailed note on iron deficiency anemia	06
	(b)	Write note on erectile dysfunctioning	05
	(c)	Write pathophysiology, diagnosis and treatment of bone disorders	05
Q.5	(a)	Classify lipid lowering agent, write a note on HMG CoA reductase inhibitors.	06
	(b)	Write short note on hormonal contraceptives.	05
	(c)	Classify obesity, discuss diagnosis and treatment of obesity.	05
Q. 6	(a)	Classify hypertension write pathophysiology, diagnosis and management of hypertension.	06
	(b)	Write pharmacology of drugs used in treatment of coronary heart disease.	05
	(c)	Differentiate between warferin and heparin.	05
Q.7		Write a short note on following	16
	i.	Fibrinolytics	
	ii.	Haematinics	
	iii.	Progestins	
	iv.	Plasma expanders.	
