Seat No.:	Enrolment No.

## GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. - SEMESTER - VIII • EXAMINATION - WINTER • 2016

Subject Code: 2280004 Date: 28-11 Subject Name: Pharmacology and Pharmacotherapeutics-IV Time: 02:30 pm - 05:30 pm Total Mar			
1	nstru	ctions: 1. Attempt any five questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.	
Q.1	(a) (b) (c)	Classify Hypertension. Write pathophysiology, diagnosis and management of hypertension. Write short note on antifibrinolytics. Differentiate between symptoms of hyperthyroidism and hypothyroidism.	06 05
Q.2		Write mechanism of action for following drugs: Glyceryl trinitrate; Streptokinase; Alendronate; Carbimazole; Sibutramine; Furosemide; Fenofibrate; Sitagliptin	16
Q.3	(a) (b) (c)	Classify lipid lowering agents. Write note on HMG CoA reductase inhibitors. Write short note on Hormonal contraceptives.  Describe in detail chronic complications of diabetes mellitus.	06 05 05
Q.4	(a) (b) (c)	Classify anemias. Write detailed note on Iron deficiency anemia. Write pathophysiology, diagnosis and treatment of bone disorders. Differentiate between Warfarin and Heparin.	06 05 05
Q.5	<ul><li>(a)</li><li>(b)</li><li>(c)</li></ul>	Classify diuretics with examples. Write pharmacology of carbonic anhydrase inhibitors.  Write etiology, pathophysiology and signs and symptoms of cardiac arrhythmias.  Write note on management of acute renal failure.	06 05
Q. 6	(a) (b) (c)	Describe in detail parathyroid disorders.  Write etiology, signs and symptoms and treatment of angina pectoris.  Discuss the drugs used as oxytocic and tocolytic agents.	06 05 05
Q.7	(a) (b) (c)	Classify antiplatelet drugs and write their indications and adverse effects. Write in detail about pulmonary embolism.  What is insulin resistance? Write pharmacology of drugs used as insulin	06 05 05

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releasers and insulin sensitizers.