GUJARAT TECHNOLOGICAL UNIVERSITY B.Pharm.- SEMESTER-VIII • EXAMINATION – SUMMER-2017

Subject Code: 2280004Date: 04/05/2017Subject Name: Pharmacology and Pharmacotherapeutics-IVTime: 10:30 AM to 01:30 PMTotal 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 types of hypertension. Write a note on risk factors and management of hypertension	06
	(b) (c)	Describe the sign and symptoms and management of iron deficiency anemia. Write short note on anti-diuretics.	05 05
Q.2	(a) (b) (c)	Write pathophysiology, risk factors and management of diabetes mellitus. Explain causes of acute renal failure. Write a note on oral anticoagulants.	06 05 05
Q.3	(a) (b) (c)	Describe clinical presentation, diagnosis and pharmacotherapy of angina pectoris. Write a note on hematinic agents. Describe the pharmacological action of progestins.	06 05 05
Q.4	(a) (b) (c)	Describe risk factors diagnosis, complication and treatment of obesity. Explain the lipid transport and lipoprotein metabolism in dyslipidaemia. Write a note on antiesrogens and selective estrogen receptors modulators.	06 05 05
Q.5	(a) (b) (c)	Classify diuretics. Write a short note on high ceiling diuretics. Describe various types of arrhythmia with their management. Write a short note on plasma expanders.	06 05 05
Q. 6	(a) (b) (c)	Write a note on pathophysiology and management of congestive heart failure. Describe sign and symptoms and treatment of thyroid disorders. Write a note on premenstrual syndrome.	06 05 05
Q.7	(a) (b) (c)	Write a mechanism of action, pharmacological action & therapeutical uses of estrogens.Describe oral and parenteral female hormonal contraceptives.Explain aetiology and investigations of venous thromboembolism	06 05 05
