GUJARAT TECHNOLOGICAL UNIVERSITY B.Ph. - SEMESTER-IV • EXAMINATION – SUMMER -2020

Subject Code: BP402TPDate: 27-10-2020Subject Name: Medicinal Chemistry ITime: 10:30 AM TO 1:30 PMTime: 10:30 AM TO 1:30 PMTotal Marks: 80Instructions:1. Attempt any five questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.1	(a) (b) (c)	Write the biosynthesis of norepinephrine with chemical reactions.	06 05 05
Q.2	(a) (b) (c)	Write a note on indirectly acting sympathomimetics.	06 05 05
Q.3	(a) (b) (c)	Make an introductory note on phase I and phase II metabolism.	06 05 05
Q.4	(a) (b) (c)	Discuss the structural modifications of 5-phenyl-1,4-benzodiazepin-2-one.	06 05 05
Q.5	(a) (b) (c)	antagonists. Write the mechanism of action of NSAIDs. Write the synthesis of any one (NSAID from aryl propionic acid class.	06 05 05
Q. 6	(a) (b) (c)	them. Describe the structural modification of side chain of phenothiazines.	06 05 05
Q.7	(a) (b) (c)	Write a note on cholinesterase reactivators.	06 05 05
