Seat No.:	Enrolment No.
Deat 110	Linoinent 110.

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER – V • EXAMINATION – SUMMER 2013

Subject Code: 250004 Date: 13-06-2013 Subject Name: Pharmaceutical Chemistry-VI (Medicinal Chemistry) Time: 02.30 pm - 05.30 pm Total Marks: 80			
Instru	1. 2.	ns: Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	 Thiophene is more aromatic than furan Pyridine is more basic than pyrrole Unionized drug absorbed better than ionized 	06
	(b) (c)	•	05 05
Q.2	(a)	Write about effect of hydrogen bonding and stereoisomerism on biological activity	06
	(b) (c)		05 05
Q.3	(a)	Write structure and chemical name of salbutamol, bromhexine and nikethamide	06
	(b) (c)	•	05 05
Q.4	(a) (b) (c)	Write a note on antidiarrheals	06 05 05
Q.5	(a)	Write in brief about nomenclature, ionization, tautomerism and stereochemistry of histamine	06
	(b) (c)	Discuss the chemistry of prostaglandins Write a note on laxatives	05 05
Q. 6	(a) (b) (c)	Write in detail about various methods for synthesis of pyridine	06 05 05
Q. 7	(a)	chlorcyclizine	06
	(b) (c)	•	05 05
