Seat No.:	E 1 M .
sear No.	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-III • EXAMINATION - WINTER 2013

Subject Code: 130501		Code: 130501 Date: 28-11-2013	
•	e: 02		
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	•	07 04 03
Q.2	(a) (b)	1	07 07
	(b)		04 03
Q.3	(a) (b)	Give example and mechanism of the following reaction. (I) Addition reaction. (II) Electrophilic substitution reaction.	07 07
Q.3	(a)	OR Explain properties and uses of following compounds:	07
	(b)	(I) Acetone (II) chloroform(I) Give Manufacturing process, properties and uses of Phenol.(II)Write Properties of Polymers.	
Q.4	(a) (b)	± ±	07 07
		OR	
Q.4	(a)	What do you mean by Heterocyclic compound? Discuss about any one Five member ring compound.	07
	(b)	· ·	07
Q.5	(a)	Write short note on Dyes and Pigments.	07
-	(b)	(I) Give the conversion:- Glucose to Fructose	04
		(II) What do you mean by Walden Inversion? OR	03
Q.5	(a)		07
	(b)		07

benzene with mechanism.
