Seat No.: \_\_\_\_\_ Enrolment No.\_\_\_\_

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

B.E. Sem-III(Chemical Engg)Examination December 2009

Subj	ect (	code: 130505 Subject Name: Chemical Process Indu	stries-I
Date: 17 / 12 / 2009 Time: 11.00 am – 1.30 pm Total Marks: 70			
Insti	1. 2.	ions: Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)		07 07
Q.2	(a)		07
	(b)	Describe in details: Unit operation and Unit process  OR	07
	(b)		07
Q.3	(a) (b)	Discuss major engineering problems associated with the production of Nitric acid.	07 07
Q.3	(a) (b)		07 07
Q.4	(a) (b)		07 07
Q.4	(a)		07
	(b)		07
Q.5	(a) (b)	Discuss major engineering problems associated with the production of Cement.	07 07
0.5	(a)	OR  Describe manufacturing of pure CO. List out uses of dry CO.	07
Q.5	(a) (b)		07 07