GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VI • EXAMINATION – SUMMER • 2014			
Subject	Code: 160502	Date: 21-05-2014	
Subject Name: Chemical Process Industries - II			
Time: 10:30 am - 01:00 pm Instructions: Total Marks: 70			
1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.			
Q-1(a) Q-1(b)	Discuss classification of Dyes based on their application. Discuss manufacture of Nitrobenzene with neat sketch.		07 07
Q-2(a) Q-2(b)	What is drug? Discuss classification of various pharmaceutical products with examples. Discuss manufacturing process of H-acid with neat diagram. OR		07 07
Q-2(b)	Discuss manufacturing process of Vinyl sulphone with ne	eat diagram.	07
Q-3 (a) Q-3 (b)	Discuss manufacture of sugar from sugar cane with neat Write short note on : Role of Vitamins in human life. OR	sketch.	07 07
Q-3(a) Q-3(b)	Define" antibiotic" .Discuss with neat diagram manufactu With neat sketch and chemical reactions, discuss production		07 07
Q-4(a) Q-4(b)	Describe in detail, any white pigment. Describe constituents and application of industrial coating OR	s.	07 07
Q-4(a) Q-4(b)	Write short-note on blue and yellow pigments. Write brief note on: Varnishes and printing inks.		07 07
Q-5(a) Q-5(b)	Discuss production of industrial alcohol by fermentation p With neat flow diagram, discuss manufacture of beer . OR	process.	07 07
Q-5(a) Q-5(b)	Describe manufacturing process of citric acid by fermenta How Butyl alcohol is produced? Discuss in detail.	tion process.	07 07

Enrolment No._____

Seat No.: _____
