Seat N	lo.:	Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY	
Diploma Engineering - SEMESTER-IV • EXAMINATION - SUMMER • 2014			
Subject Code: 340503 Date: 29-05-2014			
Subject Name: Chemical Process Technology - II			
Time: 10:30 am - 01:00 pm Total Marks: 70			
Instructions:			
	1. Attempt any five questions.		
2.	1		
	Figures to the right indicate full marks.Each question carry equal marks (14 mark)		
		the figure wherever necessary.	
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Q:1	(a)	Define Oil and state the physical properties of oil.	07
	(b)	Explain major engineering problems of coke oven gas manufacturing.	07
Q:2	(a)	Explain manufacturing of sugar from sugar cane.	07
	(b)	Explain manufacturing of paper by fourdrinier machine.	07
	(b)	OR Discuss major engineering problems of sugar manufacturing.	07
	(0)	Discuss major engineering problems of sugar manufacturing.	07
Q:3	(a)	Explain extraction of vegetable oil by mechanical method.	07
	(b)	Differentiate producer gas and water gas.	07
		OR	
Q:3	(a)	Explain manufacturing of glycerine from fat.	07
	(b)	Discuss Industrial gases.	07
0.4	(a)	Evaloin and duction of other clock of by formantation	07
Q:4	(a) (b)	Explain production of ethyl alcohol by fermentation Discuss vulcanization of rubber.	07
	(0)	OR	07
Q:4	(a)	How fruit juices are produced explain in detail.	07
	(b)	Classify pesticides.	07
Q:5	(a)	Explain production of bromine from sea water.	07
	(b)	Differentiate natural and synthetic rubber.	07
0.5	(a)	OR Explain manufacturing of citric acid from molasses.	07
Q:5	(a) (b)	Discuss production of DDT.	07
	(0)	Discuss production of DD1.	07
