

B.Tech. Sixth Semester (Chemical Engineering) (CGS)

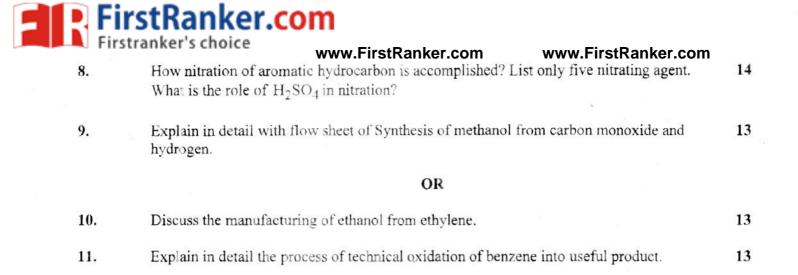
10164: Chemical Engineering Process-II (Organic Chemical Technology): 6 CH 02

P. Pages: 2



AW - 3247

Time : Three Hours		ree Hours	Max. Mark	Max. Marks: 80	
	Note	es: 1. 2. 3. 4. 5. 6. 7. 8.	Answer three question from Section A and three question from Section B. Due credit will be given to neatness and adequate dimensions. Assume suitable data wherever necessary. Diagrams and chemical equations should be given wherever necessary. Illustrate your answer necessary with the help of neat sketches. Discuss the reaction, mechanism wherever necessary. Call Phone is not allowed Use of pen Blue/Black ink/refill only for writing the answer book.		
			SECTION – A		
1.		How cit	ric acid is produced by fermentation?	14	
			OR		
2.		Explain in detail the production of beer with the help of flow sheet.			
3.	a)	Explain	the various raw material used in plastic industry.	5	
	b)	Define p	olymer? Give classification of polymer based on its application.	8	
			OR		
4.		2000 C	in detail preparation of polyethylene by low pressure Ziegler process with neat ibelled diagram.	13	
5.	a)	Define p	etroleum. Classify it according to their chemical composition and refinery crude m.	6	
	b)	Explain	in detail the manufacturing of cumene via propylene alkylation of benzene.	7	
	, v		OR		
6.	a)	Discuss	the crude refining process of crude oil in brief.	7	
	b)	What are	e the different product of refining?	6	
			SECTION - B		
7.		Explain	Industrial preparation of nitrobenzene in detail.	14	
			OR		



Discuss the manufacturing of benzene hexachloride (BHC) from benzene.

Explain in detail the manufacturing of vinyl chloride from acetylene.

OR

6

7

12.

a)

b)