Registration No.												
Total number of pages: 03  B.Tech.												
3 <sup>rd</sup> Semester Regular/Back Examination 2017-18 210 CHEMICAL TECHNOLOGY 210 210  BRANCH: CHEM  Time: 3 Hours  Max Marks: 100  Q.CODE: B858  Answer Question No.1 and 2 which are compulsory and any four from the rest.  The figures in the right hand margin indicate marks.  Assume suitable notations and any missing data wherever necessary.  Answer all parts of a question at a place.												
1.	(a)	Answer the The catalyt process sho	e follow ic convould hav	ing qu erter f	estions or con	s: version	of SC	D <sub>2</sub> to S	SO₃ by	contac		x10)
210	(b)	B. 7 – 1 C. 12 – D. 20 – Diaphragm A. 70% B. 60% C. 98.5	15 % 25% electroly NaOH NaOH	solutio solutio	n n		210		210		21	
210	(c)	D. 10 – Which one oil? A. citric B. oleic C. stea	of the for acid acid ric acid				o be co	onstitue	nt of ve	egetabl	<b>e</b>	
210	(d) (e)	D. glyce Soap may b A. hydr B. hydr C. boilin D. oxide Which of the	e prepaid of prepaid of the vertical of the vertical of the vertical of the following the prepaid of the prepai	f tallow on of vegetab tallow ing is a xachlor	egetab egetab ele oils d deterg	or tallo	w with c	caustic	soda so	olution	21	
210	(f)	B. cellu C. poly D. alkyl In the sulph A. 120 B. 21120- C. 75-8 D. 175	vinyl ch benzer ate pulp – 130°C - 130°C 30°C an – 180°C	loride ne sulfo proce and 5 and 15 d 15 at and 1	ss, the atm 5atm m		or condi	itions a	re: 210		21	
210	(g)	E. None The product A. gluce B. fruct C. both D.21lacto	t(s) of in ose only ose only glucose	versior / y		:	/are:		210		21	

210	210	210	210	210	210	210	210
	8.	How ethyl alcohol is and side reactions is engineering problem	nvolved in this	process. Discus	Mention the main ss about the major	(15)	
210	9. (a) 210 (b)	Write ₂the chemica formaldehyde.	al reactions, p	nylene with a ne roperties, and	eat flow diagram. uses∷₀of phenol	(5) 21 <b>(5)</b>	210
	(c)	Write short note on I	Polylactic acid.			(5)	
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