	210	210	210	210	210	210	210
F	Regis	stration No :					
Tota	al Nu	mber of Pages : 01		1 1		_	B.Tech
Δn	210	<sub>210</sub> 3'r Question No.1 (Pa	BRAN Max Time Q.CO	L TECHNOLO NCH: CHEM Marks: 100 e: 3 Hours DDE: HB599	OGY	210	210 210
Ail	210	040	fro	m Part-III.	040	040	210
		i ne tigu	ires in the right	J	indicate marks	•	
Q1	a)	Only Short Answer That are the factor Industries?			•	lian Chemical	(2 x 10)
	b) c) 210 d)	What is the principle of List the various che manufacture of sulfur List two manufacturer	mical reactions t ic acid. <sup>210</sup> rs of polyvinyl chlo	aking place in 210 ride in our cour	210 ntry.	rocess for the	210
	e) f) g) h) i)	What are the products What are the various Differentiate between What do you mean by Write down the different What are the different	constituents prese hydrophobic and y hydrogenation of ent processes for t t chemicals recove	ent in dry deterg hydrophyllic. f oil? the production c ered from Kraft	gents and their pur of ethyl alcohol.		
	210	210	210	210 Part-II	210	210	210
Q2	b) c) d) e)	Only Focused-Short What are the disadva Differentiate between Discuss important app What is starch? What What are the major us	ntages of Solvay   Soaps and deterged plications of chloricates are its sources?   ses of hydrochloricates	uestions- (Ansorocess and horgents. ne and hydroge Enumerate its a	w to overcome the en in industry applications. them in detail.		(6 x 8)
	f) g) h) i) j)	Differentiate between Explain the manufactor Discuss the engineer How dyes impart color Explain the process of a flow sheet.	ure of paper with a ing problems invol ors?	a neat flow shee lved in manufac	cture of HCI.		210
	<b>k)</b>	Discuss the advantage contact process.	-		•	talyst used in	
	<b>a)</b> 0	Discuss the major en	gineering problem	s of Kraft pulp բ	process.210	210	210
Q3		Only Long Answer T Explain with process leaching) process.				by wet (HCL	(16)
Q4		Explain the Sulfate Po	ulp process with a	neat flow shee	t.		(16)
Q5	210	What is inversion of s	ugar? Explain ma	210 nufacturing of s	210 sugar with process	210 flow diagram.	<b>(16)</b> 210