210	210	210	210	210	210
Regist	tration No :				
Total	number of pa	ges : 01			B.Tech. PECH5302
210	L + 5	Time : Max Ma Q.CODI	FECHNOLOG H : CHEM 3 Hours arks : 70 E : C348	βY	210
An		on No. 1 which is cor gures in the right-ha			
210		Answer all parts of a	210	210	210
Q1.	(a) With som(b) Explain co(c) Differentia	he following question e examples explain mic omposting. ate between primary an properties of ammoniur	ronutrients. d secondary pl	ant nutrients.	(2 x 10)
210	 (f) What is b (g) Write the ammonium (h) Name the cite (i) Differentiation 	content of SSP and TS onemeal ? chemical reactions of m chloride. undesirable by-produc ate between MAP and E uid fertilizers with exam	ccurring during t(s) in urea syn DAP.	g the manufa	
Q2.	• •	r plant macronutrients a he functions of primary	• ·		ection. (8)
Q3.	Critically	compare inorganic fertil	izers with orga	nic manures.	(10)
Q4.	giving em	n detail the manufactur phasis on the major en ure. Also write its prope	ngineering prob	lems arises d	• • • •
210 Q5.	• •	able chemical reactions fly about potassium chl		210 nate fixation.	210 (5) (5)
Q6.		eat flow sheet, describe aphasis on the major en			n nitrate (10)
Q7.	complex f		210	210	210
		different grades of NP ion of some grades.	K complex fer	tilizers and w	vrite the (5)
Q8.	(a) Vermicult(b) Controlled	d release fertilizers	:		(5 x 2)
	(c) Di-ammoi	nium phosphate			