Reg.	N	0:															
	SI	DDH	IART	H INS	TITU	TE O	FEN	GINE	ERIN	IG &	TECH	INOL	_ .OG	Y:: 1	PUT'	TUR	
							,		JOMC	,							
	Е	3.Te	ch I Y	ear II	Sem							ions	Feb	rua	ry-20	022	
									HEMI								
						(C	ommo	on to (CSE &	CSIT	")						
Time:	3 h	ours											N	Лах.	Mar	ks: 60	
					(A	inswei	all Fi	200	nits 5 x NIT-I	12 =	60 Ma	arks)					
1		a What is Electrochemical cell? Give an example.													6M		
	b	Defi	ne Pri	mary I	Battery	y? Wri	te a b			Zinc-A	Air bat	tery.					6M
2		D-C		1 4					OR		C A	' 1 D		<u> </u>	1 .		
2			ne Co tions.	naucto	ometri	c titra	tions.	Disci	uss an	y two	of A	cia-B	ase	Conc	iucto	metric	8M
				ydroge	n-Oxy	zgen fi	uel cel	11									4M
		Zp.		, aroge	n on,	gen i		A STATE OF THE PARTY OF THE PAR	IT-II								4111
3	a	Deri	ve Scl	nroding	ger wa	ve equ	uation										8M
													4M				
									OR								
4		a What is Crystal field theory? Explain the crystal field splitting in octahedral Complexes.														6M	
	b													6M			
		UNIT-III															
5	a	Describe the preparation, properties and uses of Nylon-6,6.														6M	
	b														6M		
									OR								
6				synth					-				g pol	yme	rs.		6M
	b	1												6M			
		.							IT-IV								
7		a Give an account on principle and instrumentation of IR spectroscopy.													8M		
	b	b What are the applications of Gas Chromatography? OR												4M			
8	a	Writ	e a no	te on a	tomic	absor	ntion			ar ahe	orntio	n					6M
															6M		
	N.	2100	455 111		loout 1	1116111	CITOII	The real Property lies, the re	IT-V	u Cili	omato	grapii	y (11	LC).		UIVI
9	a	Write a brief note on Carbon nano tubes.													6M		
	b	b What is basic lock and key principle?												6 M			
									OR								
10		_		e appli													6 M
	h	Wha	t is me	eant by	Nanc	mater	rials?	HOW 2	re Na	nomat	erials	Class	ified				6M

*** END ***