B.TECH. SEM -VI (CHEMICAL 2014 COURSE (CBCS) : SUMMER - 2018

SUBJECT: ELECTIVE – II POLYMER TECHNOLOGY

Day: Date:		onday /06/2018	S-2018-2391		Time: Max M	02.30 PM Carks. 60	ТО	05.30 PM	
N.B.									
	1)	-		MPULSORY					
	2)	-	-	dicate FULL					
	3)				LCULATOR is		d.		
	4)	-	•		EREVER neces	sary.			
	5)	Assume	suitable data	if NECESSA	RY.				
Q.1	a)	What is read		iism for step g	growth & chain g	growth p	oolymerizati	on?	(07)
	b)	-			it affects polym	er prop	erties.		(03)
	a)	Why monor in details.	ners called as		ck of polymer? E	xplain t	heir importa	nce	(07)
	b)		ties of polym	ner solids diffe	er from polymer	liquids)		(03)
Q.2		What are didetails.	fferent type		weights used fo	r polym	ers? Explair	ı in	(10)
		How chem properties?	ical bonding	٦	OR nce of function	nality a	ffects polyr	ner	(10)
Q.3				ls upon initiat	merization and or concentration		how polyr	ner	(10)
		What is ar polymer mo	ionic polym lecular weigl	nerization? D	erive a correlation monomer con	tion and	d explain h ion?	ow	(10)
			9						
Q.4		How chemic in details.	cal and geom		re affects polyn	ner prop	erties? Expl	ain	(10)
					Which factors a	affects p	oolymer's gl	ass	(10)
Q.5	a)	What is not	mer autectic	es? Explain its	significance				(05)
V. .3	a) b)				significance. lain its importan	ce with	an evamnla		(05) (05)
	<i>,</i>	int are in	JOGA AGOOGI		\mathbf{R}	SS WITH	an example.		(00)
			ference betw mics behind	veen miscible	and immiscibl	e blend	s? Explain	the	(10)
Q.6		What is rub			nization? Expla	in its si	gnificance a	and ((10)
	د.	Whatie	afan a1 4!	_	R	1!			(O.E.)
	a) b)		_	•	mportance and a plain its applicat	~ ~	ons.		(05) (05)

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