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Hall T	icket Number :															
Code:	1G372													R-11	/ R	-13
	IV B.Tech. I	Sem	est	er Si	Jpp	lem	ent	ary	Exa	min	atio	ns N	Na	y 20	18	
			D	-		-		oce		-						
May	Marks: 70			(Co	omm	ion t	o ee	E &	ECE	)				Time	0.3 F	lours
MUX.	MURS. 70			Ansv	ver o	anvi	ive	que	stion	S				11110	5.01	10013
	All	Que				equc		arks			ks ec	ach)				
1.	Discuss about	vario	ous p	orope	erties	of D	iscre	te Ti	me S	Syste	ms.					14M
2. a)	State and Prov	ve (i)	Line	arity	(ii) S	hiftir	ıg (iii	) Cor	nvolu	ition	prope	ertie	s of	DFT	Г.	6M
b)	Compute DFT	of a	sequ	ience	e x (r	n) = {	1,1,1	,1,1,	1,0,0	)}.						8M
													~ -			
3. a)	What are the c they can be eli								mpu	tatio	n of l		? E)	kpiain	1 now	6M
b)	•					•			DIT I	FT a	algori	ithm				8M
,				•			-	Ū			Ū					
4.	Realize the $y_{1}(p) = 0.75 y_{1}(p)$	•				•					•			given ہند	•	
	y (n) = 0.75 y( form - II, Casc			• •		•	i) + (	).000	x(n-	1) 111	Dire			I, DII	ect –	14M
5. a)	•					• • •						pass	s filt	er.		8M
b)	Discuss the de	esign	proc	edur	e of	Chet	bysh	ev lov	w pa	ss filt	er.					6M
6. a)	Compare FIR	and I	IR fil	ters.												4M
b)	•					indov	ving	techr	nique	<b>)</b> .						10M
7. a)	Explain in deta diagrams.	ail abo	out l	Jp sa	amplir	ng ar	nd D	swn	samp	ling	in de	tail v	with	nece	ssary	8M
b)	·	oplica	tions	s of n	nultir	ate s	igna	l prod	cessi	ng.						6M
,							-	-		-						
8. a)	·	•			-			•	_							4M
b)	With a neat blo	ock d	lagra	am e	xplaiı		out D **	igital	Rac	10.						10M

Ha	ll Tic	ket Number :												[
Code	e: 10	G <b>47D</b>								J				R-11 / R-13
		VB.Tech.IS	Seme	este	r Su	ppl	eme	entc	iry E	xan	ninc	atior	ns N	1ay 2018
		/-		•			ntec		-				,	
Max	x. M	arks: 70	Elect	ronio	cs &	Cor	nmu	Inico	noit	Eng	line	ering	3)	Time: 3 Hours
			_				ny fi							
		All (	Zues	tion	s cai	ry e	qua *****	l ma ****	rks (	14 N	\arks	s ea	ch)	
1.		Write and exp	lain t	he pi	rincip	les d	of obj	ect c	orient	ed pi	rogra	ammi	ng.	
2.	a)	What is a met program.	hod?	How	ı can	we	overl	oad t	hem	? Exp	olain	with	exa	mple
	b)	What is garba	ge co	ollect	ion?	Expl	ain it	s im	oorta	nce i	n jav	va pro	ogra	mming.
3.		Explain in de programming.		lbout	the	vari	ous	types	s of	inher	itanc	ce su	oqqı	rted by java
4.	a)	Give brief des	cripti	on al	oout	the ja	ava p	oacka	ages.					
	b)	How can we u to demonstrat		ne int	erfac	ces ir	n java	a pro	gram	nminę	g? W	rite e	exan	nple program
5.	a)	Write and exp	lain t	he va	ariou	s key	/word	ds pr	esen	t in e	xcep	otion	hano	dling.
	b)	Distinguish be thread.	etwee	n pro	ocess	s and	thre	ads.	Drav	v and	d exp	olain	the l	ifecycle of a
6.		Explain the fo	llowir	ng lay	/out i	mana	agers	s with	ı a si	mple	prog	gram	:	
		a. Border b. Grid la	•		•	er.								
7.	a)	How can we c	reate	the	scrol	lbars	s by ι	using	AW	T pro	gran	nmin	g? E	xplain.
	b)	Describe abou	ut the	life	cycle	of a	n app	olet.						
8.		Discuss about	t the f	follov	ving:									
		a. Inetado b. TCP/IF												
			500	1013.			**	*						