Q.P. C	Q.P. Code: 19EC4008													R19	
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								TONC		/					
M.Tech II Year I Semester Regular Examinations January 2021 WIRELESS SENSOR NETWORKS															
					VV	RELI	-55 3	VLS		EIW	ORK	5			
Time:	3 ho	urs							51)					Max.	Marks: 60
					(A	nswer	all Fi	ve Un	its 5 x	12 =	60 Ma	arks)			
					(1 1	110	unn		IT-I	14	00 1/10	ii K5)			
1	Ext	olain t	he va	rious	challe	nges a	nd po	and the second second	and any other advantage	cation	s of w	vireles	s senso	r networl	ks. 12M
	OR														
2	a With neat diagram, explain sensor network architecture.												6 M		
b Explain the various buses used in WSN.															6 M
									IT-II						
3		-	xplain in detail about the Imote2 with its architecture. abulate and compare the various OS employed in WSN.												6M
	b .	labula	ate an	id com	ipare t	he vai	nous (ployed R	d in W	SN.				6M
4	ลไ	Explai	n in c	letail [.]	the OS	archi	tectur			IS					6M
		-							17 71 4 1	10.					6M
	b Explain the concept of multithreading.														
5	Discuss in detail the operation of any two routing protocols used in WSN.														
	OR														
6					the wi	reless	chann	el and	comm	nunica	ation f	undan	nentals	of	6M
		Physic			ificat	ion of	MAC	musto	aala						
	b Illustrate the classification of MAC protocols.														6M
7	a I	Exnlai	n dat	a dice	emina	tion in	wirel			etwor	ks				6M
7		-			esign g							ation.			6M
					0 0	5			R						UT T
8	a I	Discus	ss the	Direc	ted di	ffusio	n prote	ocol a	nd its	varian	ts.				6M
	b I	b Elaborate the Receiver decided protocols.													
									IT-V						
9					oyme	•							?		6M
	bS	summ	arıze	the va	arious	tault t	olerar		hniqu R	es use	d in V	VSN.			6M
10	a F	Highli	oht th	ne imr	lemer	itation	ofco			in W	SN				6M
10		-	-	-	llenge			-							6M
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*** END ***

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