## B. Tech. Sem - VIII (Electronics) (2014 COURSE) (CBCS) : SUMMER - 2019

## SUBJECT: WIRELESS NETWORKS

Day Date		Tuesday 18/05/2019	S-2019-2903	Time: 02.30 PM TO 05.30 PM Max. Marks: 60	I
N. B.	:				
	1)	-	are COMPULSORY.		
	2)	Figures to the right indicate FULL marks.			
	3) 4)	Draw neat and labeled diagram WHEREVER necessary.  Assume suitable data, if necessary.			
Q. 1		Explain in detail	l propagation models for w	vireless networks.	(10)
			OR		
		Write short note	_		
		i) Frequency	Reuse interference		(05)
		ii) Co-channel	interrerence		(05)
Q. 2		Explain cell stru	cture and cluster in details	?	(10)
			OR		
		Explain in detail	ls multiple access technolo	gy.	(10)
Q. 3		Explain in detail	GSM architecture and pro	otocols.	(10)
			OR		
		Explain			
		i) Super frame			(05)
		ii) Hyper fram	es		(05)
Q. 4		Write a short note on			
		i) Spread spectrum of CDMA.			
		ii) CDMA call			
			OR		
		Describe the foll	_		(10)
		<ul><li>i) PN Sequence</li><li>ii) Multipath d</li></ul>			
Q. 5	What do you mean by IMT – 2000 standards? Explain IMT – 2000 Standards in detail.				(10)
			OR		
		Draw and explai			(10)
		i) WCDMA	ii iii detaii		(10)
		ii) LTE			
Q. 6		Write short note	on:		(10)
<b>C</b> - 3		i) HIPERLAN			` ,
		ii) WPAN			
			OR		
		Explain in detail	s wireless application prot	ocol.	(10)

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