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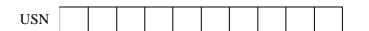TECHNOLOGY

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Internal Assesment Test - I

Sub:	Wireless Communication						Code:	10EC81
Date:	12/ 03 / 2018	Duration:	90 mins	Max Marks:	50	Sem:	8th	Branch:	ECE (A,B)

Answer Any FIVE FULL Questions

		Marks	OBE	
			CO	RBT
1.	Explain with a neat diagram SS7 signaling system and their functions.	[10]	CO1	L4
2.	Explain AMPS mobile originated call with a neat flow diagram.	[10]	CO1	L4
3. (a)	Explain subscriber device identification parameters.	[05]	CO1	L4
(b)	What is the purpose of VLR and ILR?	[05]	CO1	L2
4.	Describe the characteristics of 1G, 2G and 3G cellular systems. How do 2G cellular systems support more than one user per channel?	[10]	CO1	L4

5.	Explain the steps in AMPS mobile terminated call.	[10]	CO1	L4
6.	Explain MSC subsystem with a neat block diagram.	[10]	CO1	L4
7.	Draw a neat diagram showing typical wireless system components and describe each component in brief.	[10]	CO1	L4
8.	Describe AMPS handoff operation with a neat diagram showing the time sequences of events, signals and messages used.	[10]	CO1	L4