USN					



Internal Assessment Test 1 – March 2018

Sub:	GSM					Sub Code:	10TE82/10E C843	Branch:	TCE	/ECE		
Date:	14.3.18	14.3.18 Duration: 90 min's Max Marks: 50 Sem/Sec: VIII-A /ECE						A /ECE		OBE		
Answer any FIVE FULL Questions								MA	ARKS	СО	RBT	
1.	1. With the neat block diagram explain GSM subsystems							[10]	CO2	L2	
2.	List the objectives and services of GSM PLMN							[10]	CO2	L2	
3.	3. Explain GSM interfaces in detail. Also discuss the primary functions carried out by each interface.							t by [10]	CO1	L2	
4.	4. Describe the various logical channels used in GSM							[10]	CO1	L2	
5. Discuss the different kinds of bursts that are used in GSM to carry user and control information							rol [10]	CO1	L2		
6. a)Explain mobil	lity manage	ment proces	ss in GSM					[6]	CO1	L2	
b)	With a neat bl	ock diagrar	n, explain tl	ne process of o	data (encryption i	n GSM		[4]			
7	Explain TCH diagram	multiframe	for TCH/F	and TCH/H a	nd C	CH multifra	ame with rele	evant	[10]	CO2	L1	