		Duration: 3hrs [Max Marks:80]	
N.E	3. :	(1) Question No 1 is Compulsory.(2) Attempt any three questions out of the remaining five.(3) All questions carry equal marks.(4) Assume suitable data, if required and state it clearly.	
1		Attempt any FOUR	[20]
	a	Explain concept of frequency reuse with clustering.	5
	b	Explain in short wireless LAN security threats.	5
	c	What is spread spectrum?	5
	d	Describe use of Cellular IP.	5
	e	Explain in short voice over LTE.	5
2	a	Explain in short different algorithm used for authentication and privacy in GSM.	[10]
	b	What is the use of different interfaces used in global system for mobile	[10]
		communication (GSM) with diagram?	
3	a	Explain hidden station and exposed station problem with solution in WLAN.	[10]
	b	How is packet delivery achieved to and from mobile node?	[10]
4	a	Explain snooping TCP and mobile TCP with their merits and demerits.	[10]
189	b	Explain the process of registration in Mobile IP.	[10]
5	a	Explain protocol architecture of IEEE 802.11 with diagram.	[10]
	b	How IP mobility is achieved in wireless network.	[10]
6	a	Explain different components used in LTE architecture with diagram.	[10]
	b	Which components are new in GPRS as compared to GSM? What is there	[10]
E DO		purpose?	

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