S.B.	Roll	No							•••
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WIRELESS AND MOBILE COMMUNICATION 6 th Exam/ECE/ETV/ECEII/0761/8164/Nov'17									
Duration	on: 3Hrs.			M.Marks:75					
		SECTIO	N-A						
Q1. Fill	in the blanks.			15x1=15					
a.			le of being used for comm	nunication.					
b.	The term MTSO in cellular system means								
c.	Digital Cellular technologies offer increased capacity and security.(True/False)								
d.	The mobile equipment is uniquely identified by the								
e.	The cells which use the same set of frequencies are called as co-channel cells. (T/F)								
f.	The process of transferring the call, which is in progress from one channel/base station to								
	another, is called								
g.	In cellular system, Sectoring is the process of increasing cellular capacity. (T/F)								
h.	An AMP is an example ofgeneration Cellular System.								
i.	In TDMA, each earth station transmits a short burst of information during a								
j.	To subdivide congested cells into small cells is known as								
k.	Bluetooth is awireless technology.								
I.	FHSS stands for								
	In CMDA many differen		_frequencies.						
	GPRS is a based								
0.	The term Wi-Fi means_								
		SECTIO	N-B						
Q2. At	tempt any five question	S.		5x6=30					
i.	Give the comparison of	f FDMA technique and C	DMA technique.						
ii.	What do you mean by Spread Spectrum Multiple Access?								
iii.	Explain the cordless telephone system.								
iv.									
٧.	Explain the concept of Fading in wireless communication.								
vi.	What are the features and advantages of GPRS?								
vii.	Write a note on Bluetooth technology.								
viii.	Discuss the concept of adjacent channel interference.								
SECTION-C									
Q3. At	tempt any three questic	ons.		3x10=30					
a.	How can we increase t	he capacity of users in a	cell? Explain various metl	hods.					
b.	Describe the Architecture of GSM Network.								
c.	Explain the frequency hopping spread spectrum (FHSS) technique.								
d.	Write a short note on:	a) Cluster	b) Co- channel interfere	nce					
e.	Explain any two:	a) DTH system	b) Wi-Fi	c) RFID					