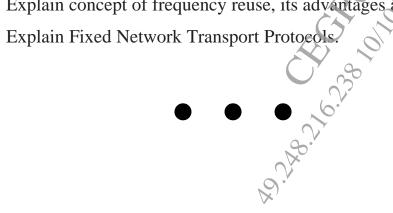
Tota	l No	o. of Questions : 4] SEAT No. :	٦
P8986			1
		B.E. (Information Technology)	
		WIRELESS COMMUNICATION	
		(2019 Pattern) (Semester-VII) (414445 D) (Elective-IV)	
Time	:1	Hour] [Max. Marks: 30	0
Instr	ucti	ons to the candidates:	
	<i>1</i>)	Answer Q.1 or Q.2, Q.3 or Q.4,	
	<i>2</i>)	Neat diagrams must be drawn wherever necessary.	
	<i>3</i>)	Figures to the right indicate full marks.	
	4)	Assume suitable data, if necessary.	
Q 1)	a)	Explain any three types of wireless communications system. [9]]
	b)	Compare Cellular Network Generations-1G, 2G, 3G. [6]
		OR	
Q 2)	a)	Explain advantages and disadvantages of wireless communication. [5]
	b)	Explain in detail 3G Cellular System. [5]
	c)	Explain in detail working of Satellite Communication. [5]
Q 3)	a)	With neat diagram explain the concept of cell and hexagonal geometry for cell.	_
	b)	What is Handoff? Explain Handoff strategies in detail. OR [7]]
Q4)	a)	Explain concept of cell sectoring and cell splitting. How it improve cellular system's performance?	



Explain concept of frequency reuse, its advantages and problems.

b)

c)

[5]

[5]