Describe effects of antenna height, antenna gain ·

, Se	oli No	Total Pages : 02					
		BT-8/M-18 38023					
		MOBILE COMMUNICATION					
		IT-454					
Ti	me :	Three Hours] [Maximum Marks: 100					
· No	ote :	Attempt Five questions in all, selecting at least one question from each Unit. All questions carry equal marks.					
		Unit I					
1.	(a)	Discuss the various types of handoffs and their characteristics.					
	(b)	Discuss the concept of frequency reuse. 10					
2.	(a)	Describe Co channel interference in mobile communication. How one can reduce it?					
	(b)						
(		Posterior of visions modulation.					
	Unit II						
3.	(a)						
	(b)						
(	(a) (b)	Describe Co channel interference in mol communication. How one can reduce it?  What are digitial modulation techniques? Expleperformance of various modulations.  Unit II  Explain point to point model in mol communication.					

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		(b)	Write short note on diversity techniques.	8			
		Unit III					
	5.	(a)	What is digital mobile telephony? Explain its	utility.			
				10			
		(b)	Discuss various GPRS procedures in detail.	10			
	6.	Writ	te short notes on the following:	20			
		(a)	North TDMA				
		(b)	American TDMA (ISI36)				
		(c)	UTMS				
		(d)	WAP.				
			3				
		Unit IV					
	7.	(a)	Discuss the satellite system architecture in d	letail.			
				10			
		(b)	Describe advanced mobile communication s	system			
			using satellite.	10			
	8.	Writ	te short notes on the following:	20			
	0.	(a)	MSAT				
		(b)	Orbcomm satellite service				
		(c)	DBS				
		(d)	LEO and MEO system.				
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