QPSK

Umbrella cell approach

c.

USN

Second Semester M.Tech. Degree Examination, December 2011

Wireless and Mobile Networks

Ti	ime	e: 3 hrs.	Marks:100
Note: Answer any FIVE full questions.			
1	a b c	List out any five features of 3G wireless network.	(05 Marks) (05 Marks) geometry, the (10 Marks)
2	a. b.	the cases.	
3	a, b.	metalous to prioritize nation.	(06 Marks) (14 Marks)
4	a. b. c.	What are the factors that influence the choice of digital modulation?	(06 Marks) (08 Marks) channel for S. (06 Marks)
5	a. b.	Give description on minimum shift keying. Explain the concept of Gaussian minimum shift keying.	(10 Marks) (10 Marks)
6	a. b.	List out any five features of TDMA. Explain TDMA frame structure. Name and describe any two techniques of spread spectrum multiple access.	(10 Marks) (10 Marks)
7	a. b.	With a block diagram, give functions of a cellular radio network. What are packet radio protocols? Explain any two.	(10 Marks) (10 Marks)
	a. b.	Write short notes on: CDMA WLL	(20 Marks)