TE | IT | I (RED) 28 | 5 | 20 | 2

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Con. 4			GN-8210	
		(3 Hours)	[Total Marks : 100	
	(1) Question No. 1 is compulso(2) Attempt any four questions(3) Each question carries equa	from remaining		
(b)	Discuss the different types of standard in HDLC that is used Describe the characteristics of Compare different multiplexing Compare SDMA, FDMA, TDMA	by a station can 3G system. techniques.	-	5
	Explain classification of signal Explain 3G UMTS network.	ling techniques.		10
, ,	Explain traffic management in Classify different switching arc	•		10
- ` `	Describe in brief BPSK modula of error. Explain Hanoff Algorithm.	tor and demodul	lator. Also calculate probability	10
. ,	What are different types of traf Explain different traffic descript	•		10
	Explain ISDN protocol stack in What do you mean by ancryptic methods in detail.			10
7. W	rite short notes on any two :— (a) TMN (b) LLC Sublayer			20

(c) Spreading codes and Scrambling process.