

		Co	de :	15]	EE-	43T
Register Number						

IV Semester Diploma Examination, April/May-2017

COMMUNICATION AND COMPUTER NETWORKS

Tim	ie : 3 H	ours] [N	lax. Marks : 100
Note	e: (i)	Answer any six questions from Part-A. Each question carries	5 marks.
	(ii)	Answer any seven questions from Part-B. Each question carr	ries 10 marks.
		PART – A	
1.	Describ	be Basic communication system with the help of diagram.	BETA CONSOLE!
2.	Illustra	te the diode demodulator with a circuit diagram and waveform	Diploma - [All Branches] Beta Console Ed Dation St
3.	Explair	n the working of photodiode optical receiver with a diagram.	5
4.	List the	e different types of cavity resonator and mention only two appli	
5.	Explair	n the working of a satellite transponder with a block diagram.	19] Beta Console Education
6.	Draw t	he block diagram of GPS (Global Positioning System) receiverions.	rer and mention 5
7.	Define	:	5
	(i) D	eigital Bandwidth	
	(ii) B	and rate	
	(iii) B	it rate	•
	(iv) R	eusefactor	
8.	Define	network topology. Explain ring topology.	5
9.	Draw t	he diagram of GSM architecture (Global System for mobile con	nmunication) 5 [Turn over