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## IV Semester Diploma Examination, April/May-2018

Tir	me : 3 Hours ]	[ Max. Marks : 100
Not	te: (i) Answer any six questions from Part – A.  (ii) Answer any seven questions from Part – I	(each question carries 5 marks.)  B. (each question carries 10 marks.)
	PART – A	Diploma - [All Branche
1.	(Each question carries 5 n Define Modulation. List different types of modulati	narks.)  Beta Console Education  3-  5
2.	Explain Ground wave propagation with sketch.	5
3.	Draw the diagram showing the basic elements of file	Diploma Question Papers [201 per-optic communication system. 5
4.	List the problems faced by conventional semi confrequencies and write the remedies to overcome the	ductor components in microwave m.
5.	Explain the working of a satellite transponder with a	a block diagram. 5
6.	List the applications of satellite communication.	5
7.	Explain the concept of frequency re-use in mobile co	ommunication. 5
8.	Define : Channel capacity	<b>5</b>
	Band width Baud rate	
	Bit rate	
).	List the function of  (a) Router  (b) Repeater	
	(c) gateway	
	in a computer network.	5