Roll No.		Total	Printed Pages : 2	
	07B	EC103		
	ECH (ELECTRO VII SEM Exam SUB : WIRELESS	ination, De	ec2017	
Time: 3	Hours]		[Total Marks 60	
	se of following supp kamination.	orting materia	al is permitted during	
1.	Nil		Nil	50
	Attempt any five of Each question car		ks.	
⊙ 1.√ F	Explain the propertie generated briefly exp	s of spreading lain.	g codes. How they are	2
0/	Describe the model o			
3.	concents of a direct	sequence spr	ces in the fundamenta ead spectrum (DS-SS g spread spectrum (FH)
07BE	C103	1	Contd	۱

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- What is small scale fading? Write the factors influencing fading.
 - 5.º Describe the CDMA systems and what are the advantages and disadvantages of using CDMA for a cellular network.
 - Explain the basic principle of operation of OFDM technique and write its advantages and disadvantages.
- Explain is details of building blocks of GSM architecture.
 - 8./ Write the advantages and disadvantages of wireless local area network. Briefly explain the IEEE802.11 standards.
 - Draw a neat diagram of telemetry, tracking, command and monitoring system for successful operation of a communication satellite and explain it.
 - List the main component of an earth station transmitter. With the assistance of a block diagram briefly explain its functions of operations.