Name:
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Printed Pages

School of Engineering
First Sessional Examination, Odd Semester (AS: 2023-24)
B. Tech: CSE, CCML, AI
Year:III Semester:V

Course Title: Computer Network
Course Code: BCS-3503

M.M.: 30
Time: 1 *hr*

Instructions if any: Read the question Carefully.

	SECTION 'A' **Q.N.1. Attempt all parts of the following:**	**Course Objective**	**Ma**
a)	What is difference between Hub and Switch?	**CO2**	
b)	Define Full Duplex Mode.	**CO1**	
c)	What do you mean by Switching?	**CO1**	
d)	Differentiate between Bus Topology and Star Topology.	**CO2**	
e)	What do you mean by Wide Area Network?	**CO1**	
	SECTION 'B' **Q.N.2. Attempt any two parts of the following:**	**Course Objective**	**Ma**
a)	Explain Hybrid Topology with diagram.	**CO2**	7
b)	What do you understand by Data Communication? Explain Components of Data Communication.	**CO1**	7
c)	What is Physical Layer? Explain the Functions of Physical Layer.	**CO3**	7
d)	What do you mean by Transmission Media? Explain its types.	**CO1**	7
	SECTION 'C' **Q.N.3. Attempt any one part of the following**	**Course Objective**	**Ma**
a)	Distinguish between TCP/IP and OSI reference models. Which model is more popular and why?	**CO3**	1
b)	Compare and contrast circuit, message, and packet switching techniques.	**CO1**	1
c)	Explain the Network Topology with all its types.	**CO2**	1