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SNS College of Technology, Coimbatore-35.

(Autonomous)

B.E/B.Tech Internal Assessment -II

Academic Year 2022-2023(Odd)

Fifth Semester

Electronics and Communication Engineering

19ECT301 – COMMUNICATION NETWORKS

B

Time: 1^{1/2} Hours

Maximum Marks: 50

Answer All Questions

PART - A (5 x 2 = 10 Marks)

			CO	Blooms	
1.		Compare Circuit Switching and Packet switching	CO1	REM	
2.		What is meant by protocol in computer networks?	CO1	UND	
3.		Recall the importance of layered architecture approach in communication networks.	CO1	REM	
4.		Define Data link layer in Open system interconnection.	CO2	REM	
5.		List the significance of Wired Local Area Network (LAN)	CO2	REM	
PART – B (2 x 13 = 26 Marks)					
			CO	Blooms	
6.	(a)	Explain the concepts of Data communications and transmission medium used in Communication networks	13	CO1	REM
		(or)			
	(b)	Summarize the functions of open system interconnection(OSI) layer with neat diagram	13	CO1	REM
7.	(a)	Examine the process of link layer addressing in data link layer with neat sketch.	13	CO2	ANA

		(or)			
	(b)	Explain about the importance of data link layer protocols used in communication networks.	13	CO2	ANA
PART – C (1 x 14 = 14 Marks)					
				CO	Blooms
8.	(a)	Explain any one of the Real life application of Communication Networks with sketch	14	CO1	APP
		(or)			
	(b)	Describe the process of switching and explain how it's transmit the data to nearest node.		CO2	ANA

Abbreviations:

CO – Course Outcomes; **Rem-** Remembering; **Und** – Understanding; **App** – Applying; **Ana** – Analyzing; **E** – Evaluating; **Cre-** Creating