

CONTINUOUS INTERNAL EVALUATION- 3

Dept:CSE	Sem / Div: 4/A &B	Sub:Data Communication	S Code:18CS46
Date:06/08/2021	Time: 3.00-4.30	Max Marks:50	Elective:N

Note: Answer any 2 full questions, choosing one full question from each part.

Q N	Questions	Marks	RBT	COs
PART A				
1 a	Describe pure ALOHA and slotted ALOHA.	10	L2	CO3
b	What is channelization? List and explain the channelization protocols.	10	L2	CO3
c	Explain working of ARP	5	L2	CO3
OR				
2 a	Explain the frame structure and transition phase of PPP protocol.	10	L2	CO3
b	Explain working of CSMA/CD with suitable flow diagram.	10	L2	CO3
c	Explain stop-and-wait protocol with appropriate diagrams	5	L2	CO3
PART B				
3 a	Explain Ethernet frame format with a neat diagram.	10	L2	CO4
b	Explain the operation of cellular telephony	10	L2	CO4
c	Describe 10 Gigabit Ethernet	5	L2	CO4
OR				
4 a	Define Bluetooth and Explain the architecture of the same.	10	L2	CO4
b	Describe Gigabit Ethernet	10	L2	CO4
c	Explain fourth generation (4G) of cellular telephone	5	L2	CO4