Vivekananda College of Engineering & Technology, Puttur

[A Unit of Vivekananda Vidyovardhaka Sangha Puttur ®]

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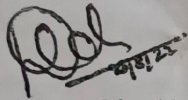
CRM08	Rev 1.10	CSE	25/08/2022

CONTINUOUS INTERNAL EVALUATION – 3

Dept: CSE	Sem / Div: 4th Sem CSE/A & B	Sub: Data Communication	S Code:18CS46
Date:02/09/2022	Time: 1.00-2.30	Max Marks:50	Elective: N
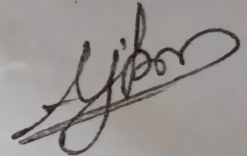
Note: Answer any 2 full questions, choosing one full question from each part.

QN	Questions	Marks	RBT	CO's
	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 controlled access protocol.	10	L2	CO3
b	Explain CSMA/CA with a neat diagram.	10	L2	CO3
c	List and explain services provided by data link layer.	5	L2	CO3
	PART B			
3 a	Explain Ethernet frame format with a neat diagram.	10	L3	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	L3	CO4
	b	Describe Gigbit Ethernet .	10	L2	CO4
	c	Explain fourth generation (4G) of cellular telephone	5	L3	CO4

Prepared by: Radhika Shetty D S/Dhanupriya M P

HOD