Vivekananda College of Engineering & Technology, Puttur
[A Unit of Vivekananda Vidyavardhaka Sangha Puttur ®]
Affiliated to VTU, Belagavi & Approved by AICTE New Delhi

CRM08	Rev 1.10	CSE	16/10/2019

CONTINUOUS INTERNAL EVALUATION- 1

Dept:CSE	Sem / Div:5/A & B	Sub:Computer Networks and Security	S Code:18CS52
Date:19/10/2020	Time2:30-4:00	Max Marks: 50	Elective;N

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

QN		Questions	Marks	RBT	COs
		PART A			
1	a	Compare client Server and Peer-to-Peer architecture.	10	L3	CO1
	b	Describe HTTP with persistent and non persistent connections	10	L2	CO1
	c	Write a note on web caching	5	L2	CO1
		OR			
2	a	Illustrate the basic operations of SMTP with an example	10	L3	CO1
	b	Explain FTP with its commands and replies.	10	L2	CO1
	c	Explain the working of DNS	5	L2	CO1
		PART B			
3	a	With a neat diagram, explain the TCP segment structure	10	L3	CO2
	b	Discuss Go-Back N protocol.	10	L2	CO2
	c	Explain the connection-oriented multiplexing and de-multiplexing.	5	L2	CO2
		OR			
4	a	Describe the various fields of UDP segment. Explain how checksum is calculated.	10	L3	CO2
	b	Explain the causes and cost of congestion	10	L2	CO2
	c	Elaborate the three way handshaking in TCP.	5	L2	CO2

Prepared by: Radhika Shetty D S

HOD 17/0/2020