

CONTINUOUS INTERNAL EVALUATION- 2

Dept:CSE	Sem / Div:5/A & B	Sub:Computer Networks and Security	S Code:18CS52
Date:01/12/2020	Time:2:30-4:00	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 Explain router architecture in detail.	10	L2	CO3
	b Discuss IPv6 packet format.	10	L2	CO3
	c Write a note on Routing Information Protocol(RIP).	5	L2	CO3
OR				
2	a Explain distance vector routing algorithm with example.	10	L2	CO3
	b Discuss Border Gateway Protocol(BGP) in detail.	10	L2	CO3
	c Explain the spanning tree broadcast algorithm.	5	L2	CO3
PART B				
3	a Explain the different threats to network security in detail.	10	L2	CO4
	b Explain DES(Data Encryption Standard) with a neat diagram.	10	L2	CO4
	c In a RSA system, its given $p=3$, $q=11$, $e=7$ and $m=5$. Find Cipher text c and also find the message m from decryption	5	L3	CO4
OR				
4	a Explain RSA algorithm in detail.	10	L3	CO4
	b Explain AES(Advanced Encryption Standard) with a neat diagram.	10	L2	CO4
	c List and explain elements of network security.	5	L2	CO4

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04/12/2020

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