

Mational University of Computer of

Quiz3 [BS(CS): Section A] Fall 2024										
Computer Networks (Code: CS3001)			Date: October 17, 2024							
	Total Marks: 15				Duration: 20 -Minutes					
Name	Roll #-		Section - PCS-5A							
Q1:	The table below shows various transmission	rounds (i.	e., RTTs	1 to 13)	and size n. Assum	of con	ngestic t initia	on win I value	dow (i.e	
ss_thr	esh is equal to 16. Refer to this table, please	answer the	follow	ing quest	tions: [1.	.5x 6 =	9 Ma	rks] (C	:LO 2)	
	RTT 1 2 3 4 Congestion window 2 4 8 16 Softyeish 16 16 16 16 i. The data in table depicts TCP Tahoe or TC Answer: TCP Reno. As TCP on dup acks at RTI 1 ii. What happened after RTT 4? What is the renormal action of the reno	Tahoe (2. The value of ss.	loesn't salue b thresh a thresh	ecomes fiter RTT =8 (lcu	curd 4.1 14.2	10 10 7 h? Just recover	tify you	for	yor 6 wer. e faut (out) (
	ii. What happened after RTT 12? What is the Answer: 3 Deplicate acks (Cord and the received as in the TCP in at transmi Answer: 4 Which state/phase is the TCP in between the Answer: 5 Sow Start	s threshassion round	i (RTT)	13. (RTTs)	5 to 8.					
Q2: A	Answer: congestion avoidal UDP receiver has received the following date Data bits: 0110 0110 0110 0000 0102 Checksum bits: 1011 0101 0011 1101 How will the receiver verify if the data receiver.	ta bits and 1 0101 010	1 0101	1000 111	1 0000 :		,		working	
Start	writing your Answer for Q2 from here 0		Subeckson	m: 01	ackside 60 10 11 01 11 11 2 ore Any 2	01 0	1100	111	10	

1 (mraparound)