Mid-Semester Examination Spring 2020

Reg ID: 17201009. Sec. A

Name: Abu Obayed Talha

Year: 3rd. Semester: 2nd

Dert. : CSE

Course title: Data Communications

Course Code: CSE 303

Date: 25.08.2020

Level, L

= 3 Am.

And Bit Rate = 2 x Bondwith x/03 5

= 2×10M/72/0923

= 31 mbps. Arr.

3b) Answer:

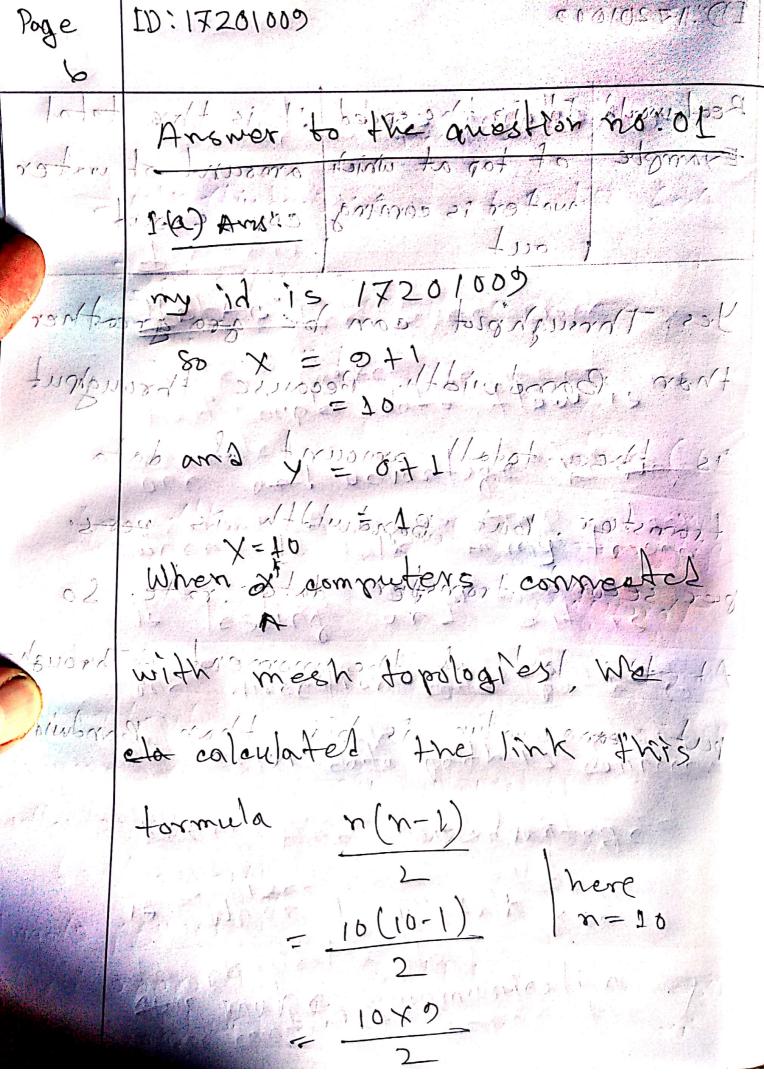
Disterence between Bondwidth and

Throughtput:

Comparison	Bandwidth	Throughput
Basic	Data capacity	Pratical measure
- +3 / LU 8 = m.	travelled via	of the amount
3×4 4- 4	charmel	of data actually
4 38 11 FAN	melet morel form	tromsmitte 2
Top or year	CONTROL THINKS OUR	through channel
Measured	Root Itiss	Average à rate
120014 ro	measured Bits	is measured

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W.		
		Bondwidth.
		Bondwidth.
	gelx offin brown x = =	It is measured
		1
	1 50 50 MO 2 = -	in treems of
		Bigs transfarg
1	- 11 mgd/11 15 =	per seconds
		bps
	connected Transfer of	Communication
Dr	with data by some	between to
	means	two entities
	no 12 112 The Area to	· ()
	Definition It refers to the maximum	It considered
DUSBON.	A	as the actual
		mesumeasure-
of man		ment of the
collosono.	71100 CO18 1 1977	
6 9 /	passed from	data that is begin
temmet 1	giron one point r	moved through
र्शकार्य 9	fo another t	he modia to atm.
1.	opin did bonus 100	iny particular
29-		France Scanner with CamScanner

CANINCE IN THE SPORT Page ID: 17201009 Real world It is the speed It is thre total Example of top at which amount of water water is coming comes out Yes throughput can be grafareather than Borndwidth. Because throughput is the totall amount of data tromster. But Bandwidth is pers. per second transfer data rate. So At the last of the moment BThrough put some value is big than Bradwidth. 3737



300

ANACEL MA

= <u>90</u> = <u>45</u> Ams.

Here have to noel 45 links.

Mon, Start Start Y=1 computers connect -ed star topology 10

Hab

If I wer wont to shoose more sexure network I prepreter to the mesh topology. Beacuse Mesh topology has deticated path to connected e ar ea each to each computers. Here no data is curp

ID: 17201000 ID: 17201002 carrapts this topologis Done from the soul and Half-duplex data flow is one and advantage has wer when I talk many triend is lesting and oit is one direction doto path son no error data path is connected here. And disadvantage is when I will talk and communication my

Page

80)

troord word talk to me beacuse itis one direction data flow. Besides Full- Luplex doto follow odvantages is . We are taki con talk each other at the same time. Beause it dota tronster method two direction at the same time. But 1000bps bondwidth so we I choose the hodf-duplex pa. data flow is the to best mest communication to my trail & Internor poly

34 chand to lording money

Answor to the question no: 2

-0000/USF/:01

26) Ams.

B Dato link layer work in works packed segment its handele sender Address Reciver Address, TCP protocoli, Data. so Flow control error works here there & from going data link layer to physical

buyer and and its hand
sweenized data flow to the
to physical & larger. And

Error control 1 hands the



Any no currupt the dota too otherwise the Transport layer polco performed the error control one 2 flow control. Transport loyer data sed send to Hetwork layer and Added a mer new half header. And Data link layer Addol a head H2 and Agot also added 4 72. so s that any data has not currupt. it is to any survers.