

Mid Semester Examination: spring2020

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Course Code: CSE 303 - (Self-Study)

course title: Data communication.

P-1 (6101148

Austothe QNO-I

6) Ain: There are farce modes of transmission.

* Simplex

* half dorler

& full doplex

The treammission made defines the direction of signal from between two connected device.

wrieling down one advantage 2 one disadvantage of as Half and full doplex below:

me speed 30 till to 10 to Avdantage;

Half doplen is better than simplex. periforimance wise stopp mois int

A Direction of full duplex communication is two directional, simultaneously.

Disadvantagen!

* Half doplex is two directional communication but it can tron the process one at a time. * NO Preoper bandwidth otilization on the same line is used for sending & treckering data at

the same time

a) Am: my ID is 16101148

X = 8+1 = 9

y = 4+1 = 5

z) In mesh topology:

we need links => N (N-1)/2

=) 9 (9-1)/2

3 9.8/2 1000 Bulling

100000 FOR 128 36 00 101/

we need 36 links in topology.

=) In Stare topology doesn't allow direct communication between devices. A device must have to communicate though hub.

we need 1 hub and 36 links.

Lowertearibowh di matable Hulf it

Athroproft Step 17

Austothe R NO-2'

a) Amj

My 10 is 16101148

X = 8 mod 6

= 64 mod 6

= 4

> = (4+1). mode of

(3) 5 mod 6

	gorden	pecieven	Senden	Pecloren IP	Sendon.	Rectum Pont Add	Ach	Fran
2194	MAC	MAC	te	# 6"	6000	700	Parta	Vrink
. DiM.	17.11	7727	01	1120	paumot Am par	cross?		
	12/8/21	b emoning	ale .	erick ai	the	·M·		
thanka Ora	1000 S.J.	nen II	* 100%	front of	State			

D'Ami from control in transport layer is

Penformed end to end and Enners

Control in transport layer is also performed
end to end, to ensure that the complete
message arraives at the receiving without
any error. Ennor correction is done

Antothe & No-4(b)

DAME writing down differences below:

-through -transmission.

Bond width

* Dota capacity of a Channel which can be transformed in specific Period of time.

& Measured in BIts

* It was to transfer data

Physical layer of OSE Model

* Independent

Through Put

Actual measure of data transformed over a specific period of time.

-

* Measured 15 Bl+3.

It uses to communicate is

* Any layers of OST Model

* Depends on latency.

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