

Mid Term Examination of Spring - 2020

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Semester - 3-1

Course code: CSE-303

Section: A

Date: 25/8/2000



(d) Ans to the Quest no-4(a)

Henre,

X in the lant digit of 1D+1= 7+1
=8

Yin the record bont digit of ID+1= 4+1
=5

So, bandwidth = 8MHZ

SNR = 10×5=50

2

Difference between bandwidth and throughput in given below;

key	Bandwidth	Throughput
Definition	Data Capacity of a channel which can be transferred in specific period of time	Actual measure of data transferred overs a specific period of time
Measurement Unit	Bita	Bita pen See
Objective	To transfer Dorta	To communicate
Layer	Phyrical Layers of OSI model	Any Layen of OSI model
Dependency	No Dependency	Deprendent on latercy
Analogy	Spreed of water Coming out top	flown out of top
	in particular time	in particular time

(1) Ans to the Ques. no 1(a)

4) Hene with the second of the My id is = 18101047

So X = 7 + 1 = 8and . y = : 4+135 long control : long wol

Force Mesh toplogness trogenest months in being med of x(x=1)/21 coble

= 28 cable link.

For Stan topology,

we need y=5 cable link

According to the security level of thinks
Mesh will be more secure network

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whomen and and and

18101047 Am to the Ques no.1 (b) half-duplex i Sonden con red rend data and also can necive data. dinadvantange: Thin dota flow colotime each, that mean render contrêded datal at antimet on nécieve a data at a time. Full dupler! Senden canoniend land necine (900) data at the name time Dinadratage; No propen bandwith jutilizat on the same line in used fan sanding and receiving data at the name time. L

Am to the Quer no 2(b)

penfromed in Transport Layer.

Flow control: flow control like as data link layer, transport layer is responsible for flow control flow control is transferred end to end reather than across a simple Link.

2 - Lombes of lombes and

Enron Control! Ermon Control at this larger in prending process to process trather than according to process The rending transport layer maker sure the entire menage

Am to the Ones ro. 1 (8) anniver at the receiving tramport layer without enron (dange & low) it in wally Services Control protocol > connectionles wester wen diagram protoca stob (UDP) Disadvetage. No preside DOWN LINE (College Low) white more at the date mireson bird