9,18101095

36

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Id : 18101045; bec: 'A'

Course Code: CSE-303

Year : 30d

bornester : 1st

Date : 25-08-20.

Course title: Data communication

11, 18101045

Appôto the QuesoNO-01-(a)

Here, D= 12101095

77 = 5 + 11 36 mondo 1 mondo

17 2 9+1 25 mon a sol sijelon

100001 à lans x 26 computers connected auth

Nom & has 1725 computers connected with

stary topology

For mesh topology

number of devices 2, or 2 6 × 26

is total links = $\frac{0(0-1)}{2} = \frac{6(6-1)}{2} = \frac{6.5}{2} = 15$

for star topology

1 Human 2 7 2 5 mm 1 mills 1 mm

here number of tinks required to

6 connect them is equal to n. in total links 2012725. A OW AR WIT LONG IS H

IS I were to choose between these two topologies too a more beaute restant 9 Booause -

Each node is connected independently to the central hads. If one connection fall the others may continue bo there the are no means of disruption.

西 for being the tunctioning unaffected. It is the suite quite stable rather than others.

- for this reason. I would prefer -udar topology for a better seeme network.

12/18/01045

Ano: to the Dwg: NO-01-(6)

Here, 9 can choose be either half-deplex 60 full deeple a docter-flow. One advantage and one dicadvantage of these two are given below—

西 Half-duplex ?

- * transport an receive both can toe possible
- + disastona disadvantage is toansoniction a receive can not be simultaneously

- full-duplens

 + transmit and receive both can be possible someteneously.
 - * disaderandage is no proper bandouith Utilization is used for gooding and receiving data at the same time as the same line.

Ane 3 to the Ques: NO-02 (a)

Hore

my friend will be in PC2

Port address =>

and the state of t

-	15, 18101045	1/2/11/2/3/3/
1	bo, PCa → B	pca, Bh
	recision bender	
	AB	MAR MAR JPAR, IPOS/C 6000 7000 Dotall-localler
	confirmation A	PARCH PARCH IP OF B IF OF C Gono Forc destrol) trailed
	For For	MACH MAC OF IP OF IP OF GOO FLOOR MORA THE OILER
	D	MARON MARON IP BE IR G E (Soro Foro Tobba) Frailes
	C D	MAC & MAC SH TP OF TP OF GOOD FOOD Hadrall Tra
	Tolland . Bour	ion really was but in

and have been the form of

White World in 17 34b

AM MAR TIF

16, 1810 1045

Ancidothe Quest. NO-02-(6)

Dada link layor is responsible for moving barnes troom one hope to the mad & Whoreas Prompost layer delivers massiage from one end do the other. 50 As was working videria is from one to end to the other and like Berron control and flow control. Both layer de the same but the one is for end-to cord and the other is too proble bak. - 50 this is all about the explanation.

Arroto the Qusino.09

301-9

× 25+176

7 2 47 1 25

Bardwith, BoX 26

SNR 12 40 90 700 10.76

2 lox5250

Bit rate 2 ? Dipo

signal buel 2 ?

Bit radre 2 12 x, B x 1092 L

C 2 Blog 2 (1+5NP)

2 6 læg2(1+ 56)

7 6 log 251

0 92112

18, 18101045 We will use 92 92 = 2 × 6 × log 2 L log 2 1 2 7.62 1. 1 2 203 2 A - X or Q - Whinten ortrode 22 x bx log; 2 2 × 6 × 609 92 2739.03 Just hay 1 col s de la colante de la colante de la colonte de la co (3 H (+ 1) 13 30 1 3 : 5) 1 1 1 1 1 3 Act 3

10. out 2

19,18101045 (b) Difference * Bandwith is varge of throughput is how tost it frequerry Baskwith is can buggen in herts or bit/see thought it the measurmers of is speed.

throughput can not be greater that the protection bandwith as if is the measurement of how fast the the the the data is sending.