

BIL'

d 200 · the 9 Ann.

1+1=2 3 11 2+1 11 12 X ond 8

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2801090+ Mesh 100 presen 50

Dest

Ann. to the a. no 1 (y)

bandwidth data Prow with 1000 mbp P nath duplex communication. My channel m & @hoone

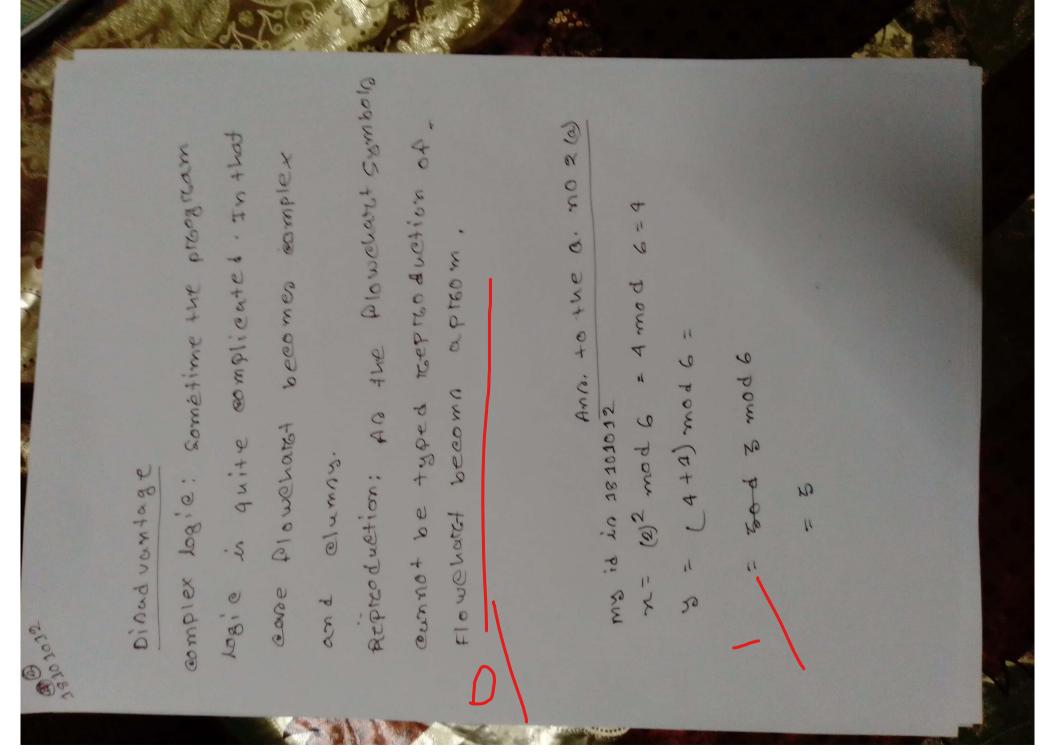
Like a one lone road with + wo attichional + transfile.

(4) Both trammit and receive possible not at the same time. be but

+ aventuges and Dinadvantuges of #loweret.

1) communication: flowedants are better way of communicating the Logie of Byntem to all concerned or Adventages

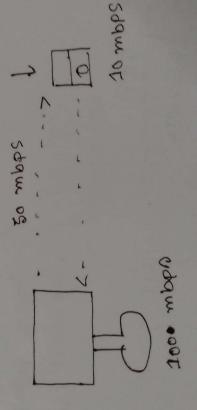
com the analyted way there force wantinge of time with the help (1) Eppective analynin; ephicative of ploworant problem reducing cont and in volved. more



Amo. to the a. no 2 (6)

contral and Flow contral are also perchoremed in Transport layers: FIGHEORE

link layer, transport layer in reopenhible for Plaw contral, flow contral is performed Detroid a single Flow contral like as end to end teather than Contraol: なって



sending theamoport laster makes suce reather than accresson a single link. The thin process FRICOT CONTROL layer in percharmed process to ERROR Control:

Ann, to the Q. no.4

@ ms id in 18 10 10 12

x = 1+1 = 2 8 = 2+1 = 3

Here.

5NR = 10x3 - 1030 Bond width = 2MHZ

3 o Z

== B log 2 (14 5N R)
= (16) log 2 (1+30)
= 106 log 2 31

= 4.9 mbps

gives un 49,9 ghonnon foremula the

comething @ Cheene better we, Pot pel per formance T'mit Lowers 3. upper Fhe

the numbers of singnal levels Then we use the Neg Neguist formula to Pind

2* bandwidth * Log 26 x 1092 1 m# 2 この木 11 Sogw 3

And to the Q, no 4 (b)

3

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Bandwidth	to transfer data	phsieul Layere of	ost model	No Dependency	goed of water	coming out of top	in purcticulary time		Otio	