Money do with the Me

with water was

mus) gand Esidong and ?

(70) codewords;

1 -> (00000000) 2-> (00001111) 3-> (01010101) 4-> (10101010) 5-> (11110000)

:. d(1,2)= 4 d(1,3)= 4 d(43)= 4 d(44)= 4 d(1,5)= A d(1,5)= A d(215)= B

2(34)=8 2(3,5)74

2(4,004

: 0 donin 2 4

in Maximum nor of hills (errors) Abateaube

detected 28

69)

UDP

TCD

-> Connection dess, i.e, no parte subup before. Stonnetion required, in a path is created before toanemission.

ature convertions where

-> Not reliable

-> No acknowledgement

-> Blatively foot

re transmission.

-> letransmission is net automotic . The application must sense and ask for Peliable

- Action adjunct

Automotic letopremission.

60) longest lommon Prefix Matching is required in GIDR bicause the prefix in CIDR defines the network. So, for the same network the prefix remains the same (because the network part should remain constant) in to a given network.

(66) Hub Switch > operator in Duta link layor - Operator in physical layer - transmits to enly intented recipients 7 Broadcaste the data -> Relatively Better Network Security -> least Network Security - Parsiva divines 3 belive device -> broping problem (Nairtots spanning -> No boping problem I stray in some horney or -got worked and to an interest of the we is now with a margin again and sapet godes it is circuit Suitching. Virtual Circuit Smitching 3'A didicated from is altocated -> No tradicated pull is allocated and established. only a rollite is diffinal. -> The route can be shored by -> the mute once established. other convictions also and allocated connot be . used by other connectins. -> Rota transfer tolers place -> Onto is not packetized in the for op partiete Yes, Virtual Circuit is a type of packed - smitched No other works had in the order network techinques.

refriction to tapics

A = (50) 1.

Gastersof - 4 Managery of org

Colorator I -- m

Recharge Kitch

A (10) 6 8 (20)6

ea. 3 4/48

(by Enternt is a two level himmandy - host and Subnet on our the address is disto divided into 2 levde of address orderess, he both beet, and the ruffix. The but fix offine the oddress. of the network while the suffix part defines the host in that water of the state of the Network Wort

New All internet is also sold to be have a three level hierarchy du to the introduction of Subrets' . Tolow an organisation lonely lage no ofite) divide them in to different sub-networks within the organisation such that suppose is it there are different networks in the regimentions

The state of the s plantin a property it was described in it.

(69) sing various National 129.16.000 - 160.16.63.225 tute of 6.686km - . - 20 12 11 idiponential of the best of the

only two bits are taken as address lingthe Course or definitive) for the correct operation of CCMA/CD which in do in plemontal in Ethernet and (wired) consumurication. you problem to be of the state of the growth

much has and and of appeal and go to be a company

were affire and a contract of the of

the family had

Smilard Ethronet

(a) No emilder on well . There is a for Ver of Smitches, Callisins are eliminated in sharely

(0) first to Printer

(0) less longostion

Etherset is known as CSNA/CD protocol because are the Wired Ethurant protocol is developed on the concepts of counted and shirty followe that.

(6) CRC en detact of all single hit come and almost all doble bit owns if the divisor is chosen wisely of our choice of divisor defines the how efficient our System will be r Grennolly Henters guithlines should Is followed which choosing a disease,

> let the divisor Elegated be represented as an poly nomial

250.85.3Pr. 150/

1901 - 1901

The suley Seel- 1 1 3 1 1 1 1 1 1 1 1 1

- Dawsor should' - be divisible by X (Should always and with one) LOW guaranteer all one bit errors me detected! and allowed all the literans

(19) The padding field is required in an ethernet pome as acco to the minimum lengthe restrictions the min. lengthe of the packet should enbeloyers (For correct approaching

(SMACD). So if the length is less than this and man padding is done to make up the difference.

are eliminated.

(3) In aloha the videwall time is 2x Tfr I the time tolan by from to travel.

total total

be we can see if b want to cent or forme collisions can occur with Brand c if B har cent or frome in between t-To and t and C bran seat between t and t + Tfr. So the Nulmonoble time is 2 Tfr.

once in sholled alola the time are divided into she so see vulnerable time is equal to the wid to of the slot = to.

"! " ! Mefficiency) & Top

" NANDO = K x 2 Try

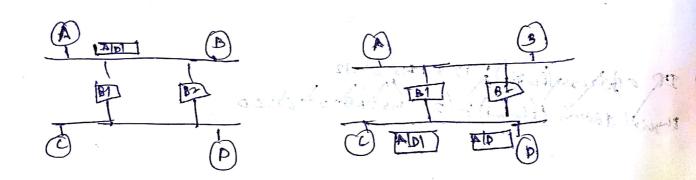
" S- Anoho = K x 2 Try

" S- Anoho = K x 2 Try

" Marsha = 2x Ms - Moha.

· 9 at die Brief A.

- In piggybacking, we the sender along with dela of itself wicorporates are another bield for actions ledgement to the receiver. In his way the sender sends the data and also acknowledges turrectory about the data it has recieved.
- (Fy) If in a bridged Network, we provided ordundant pathe, then there is a light chance that dooping problem will occurre

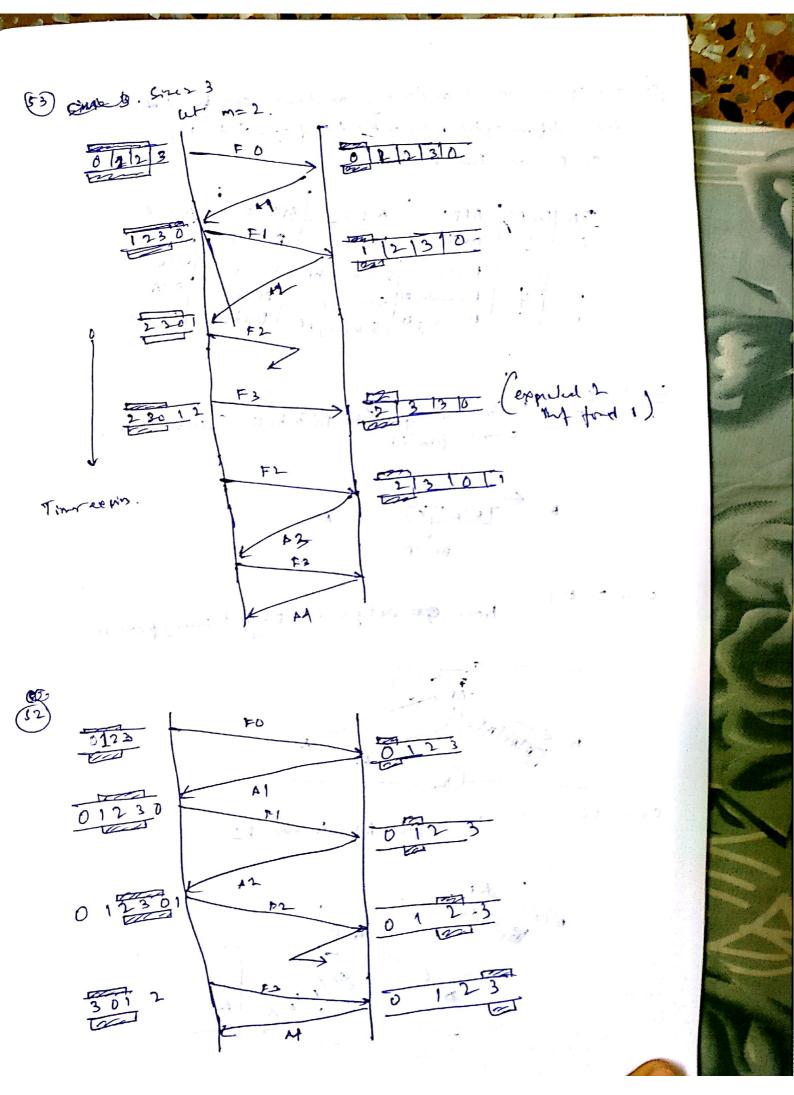


A wearts to send Data to P.

BI does't know where D is floods the entire network with the frame.

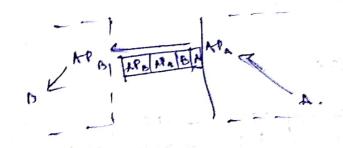
Now, there are two copies in the network once the front reacher 'B2', it also floods the vehicle again and tell top goes on a

Transparent bridge maintains a sparing free to remove the trops and have the redundant



Scanned by CamScanner

(2) The IEEE 802-11 addressing mechanism specific A sous.
cases, defined by the value of the two flags in the FC fiel,
to Ds and From Ds.
TOPS From DS ADDI ADDI ADDI DE SOURCE BEELD INTA
O Desto Sending My Source MIA
Tops from DS ADD1 ADD 2 ADD 3 ADD 9 0 D Desto Source BSS ID MIA 1 D Desto Sending M Source WIA 1 D Receiving AP Source Desto Source 1 Raising AP Source Desto Source
1 Havery At. Sending to
contrame not going to Distributed System whether coming from it.
coming from it.
MATERIAL TO THE REAL PROPERTY OF THE PARTY O
A THIAIET A G-218
BIZID
con \$ 01 Frame god not going to 05 but coming from it.
2 2 count from 2 tr
- 1 compleme it
THE SECTION OF THE SE
B Congrant
THE SECTION OF THE SE
con 10 : From by
B GREATELY AT
con 10 : From by
con 10 : From by
con 10 From from De to un DI.
con 10 From from De to un DI.
con 10 From promps to un Ds.
con 10 From promps to un Ds.



(52) at 6 be the average ne of frame govolad by System during one from transmission time.

i. It can be provide that any one of Eucusful trasmicsion is $E = G \times e^{-2G}$.

1. Some occurs when e 24 is may by 24=1

= cm = 0.124 (G=1/2)

Similarly for slotted aloha, 5= 6xe-6
... Source occus un, 6-1

u 5=0.368 (G=1)

1. (Smy) stotled alona = 24 5 mg (alone)

is not acknowledged before timent expires it retransmite data office time used by TCP is lower as Extransmite timer.

kupalive times are used to chick the courts connections in TCP. when ever we set up a TCP connection the hest sent starts a keupaline time. After the timer expires, the hest sent a keupaline packet (without I that packet is a keupaline packet (without I that a that connection and times is so again otherwise it is considered that connection

ilender millidle 9:6 9/8

(6) \$ doubly we should have 100%. whiteinstim

~ 25×103 hits should be sent.

on the size of the window should be,

25 × 10 = 1.

n [n= 25] frams,

... the size of the wordow should be 25%.