

## Narsh pahwq CSE-2 02415002717



## CN Sessional Paper

and proposed standard?

Enternet draft is a marking document (a nearly in progress) with no official status and a 6 month lifetime. Upon recommendation from the Internet authorities, a draft maybe published as a Request for Comment (RFC).

Proposed standard is a specification that is stable, well understood and of sufficient interest to the Internet community. At this level, it is usually tested and implemented by should def groups.

b) Explaier the jactors that determine whether the communication eystern is LAN ar WAN?

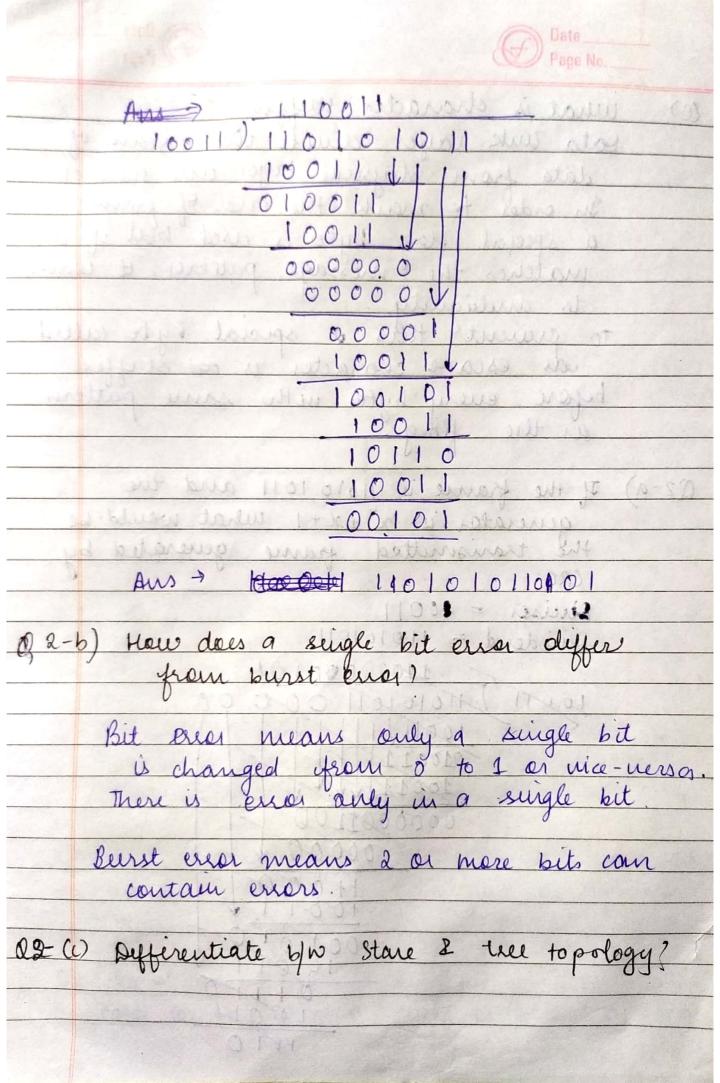
V	factors	LAN POLICE	WAN
14	size	iess than 2 m	merlotunide
Q·)	speed	higher than WAN	slower than LAN
3)	Quenership	private public	private/public
4)	congestion	iess	niore
5)	propagation	short	long
	delay		
6)	Trans Mission	coaxial / UTP	PSTN-/ satellite
المحاملة	media	Alle applied levels o	PSTN-/ satellite



cire station is surplusged?  Since the flow of data the ring topology is undirectional so if one station is unplugged, it disables the entire network and the ring come stop functioning.  (d) Deferentiate him guided and unquided transmission media?  Quided  The signal energy the signal energy propagates through propagates through three in  2) It is med for this suited for radio point to point broadcasting in all communication directions.  3) Signals are in the signals are in the form form of nottage of electromagnetic communication makes.
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3) Signals are in the signals are in the forms
form of noltage, a electromagnetic
Chrent or photons malls.
THE RESIDENCE OF THE PROPERTY
4) Discrete now topolies continuous nou topologies are joined by are joined by guided media. The unguided media.
are formed by the formed by
guided media. The ungulated media.
5) lex -: truisted poir Ex-: microniane fradio cable, coarial, fibre optio luiks or injeared light.

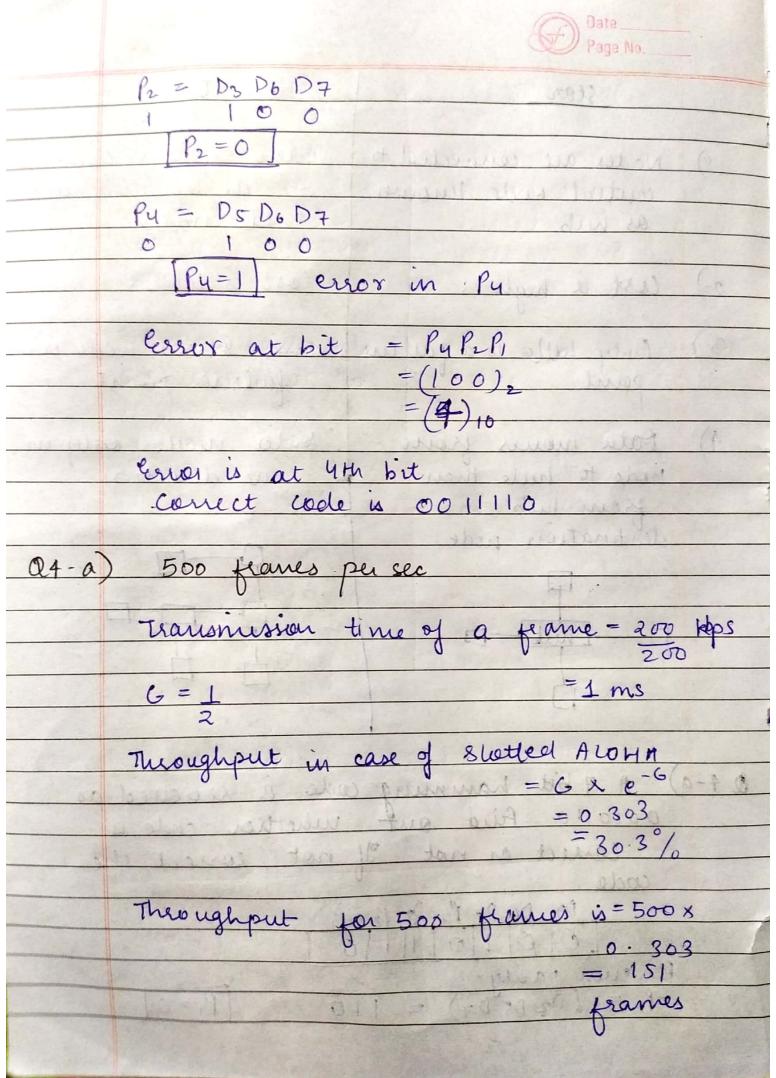


Data link layer divides the stream of data from physical layer into frames. In order to mark the end of frame, a special flag byte is used but if it matches the message pattern, it lead to matches the message pattern, it lead (e) (2-a) If the frame is 11010 1011 and the = 110101011

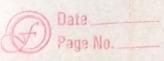




		Date Page No	
1	_star	o o Tree	
(')	Nodes are connected to central node known as hub	every nocle is connected to its left and right side nodes	
2.)	cost is high	cost is low	
3.)	Only hello is a failine point.	failure point.	
4)	node to hule then	Data noues only in	
	destination node.	CA-A) Eso Trues	
erphi.	D-[mb]-D   will	Total Contract of the contract	
Tuenghput in crise of shutted Albert			
	04-0) A 7-bit hamming code is recieved as 0010110. Find out whether code is correct or not. H not, correct the code.  13 D6 P5 P4 D3 P2 P,		
1			
	for even parity $f_1 = (D_3 D_5 D_7) = 11$	0 P <sub>1</sub> = 0	



Scanned with CamScanner



Through for 500 frames = 0.184 x 500 Stotled Alona =  $6 \times e^{-6}$ = 0.195 = 19.5%. istical TDM?



		Page No.		
	Synchronous	Startical		
	0 23-3 2 2			
1.)	Data of each IP	slots are alloted		
	connection is divided	dynamically. Slot is		
	into units & each	alloted only if it has		
	1/P occupies one time	data to send.		
758	slot, 15 - sure a	Through 401 E		
1	mad of the			
3.)	synchronization bits	No need of synchronization bits		
	are added at the	6 bits of 6 bits		
	beginning of each			
	frame.	1 = 3		
3.)	It carries only data	It carries both date & address of destruction		
	data	address of destruction		
20				
- A)	in each perme are egral to no. of output lines	each frame are less		
4	in each frame are	each frame are less		
	egnal to no. of	than due to no of		
	output lines	than due to no of		
	1-21-21-3			
Q3-	a) Differentiate b/w broadcast & Point			
	a) Differentiate b/w broadcast & Point to point network?			
- 63	404			
	Broadcast	point to point		
(•)	channel is shared	A dedicated link is		
	channel is shared b/w multiple nodes.	point to point  A dedicated link is  shared b/w 2 denices		
2)	It has single transmitter	It has single transmitter		
	It has single transmitter and multiple recieurs	It has single transmitter 2 recieves.		



		1 age (to			
3.)	less recure	More secure			
	V m	LUST AMST			
4.)	corpainty is shared	Capacity of link			
10	ble derices	capacity of link is dedicated entirely			
100	sunabure purents were	to the chanel.			
4 76	i comp part of CSM+	us summer thank ou			
123-6	How does the ac	tual data transfer			
49404	takes place b/10 2	machiner?			
V	and to the this was but	mono dimino kant			
SELECT S	The components of communication are				
	to super to data I se much				
حاليا	seider 7	Recient			
THE AST	minus sutar oras dan A	, were at the il			
100	teausnission media.				
MANUAL DIA LALIAN AND AND AND AND AND AND AND AND AND A					
ű.	And protocol:				
	less & the other accious can				
	Data transfer is a step by step process,				
	with each step having its alon significance.				
	The transmission media that causes the				
	data can be guided or unquided (uineless). The signal recilized by the reciever have the messages in th				
	(wireless). The signal recilied by the				
	reciever have the messages in let				
	which can be decrypted using the same				
	Set of stills. They can have and				
1	to common set of across are the north	proto cols used			
	across all the NW	derices used in			
	the world.				

