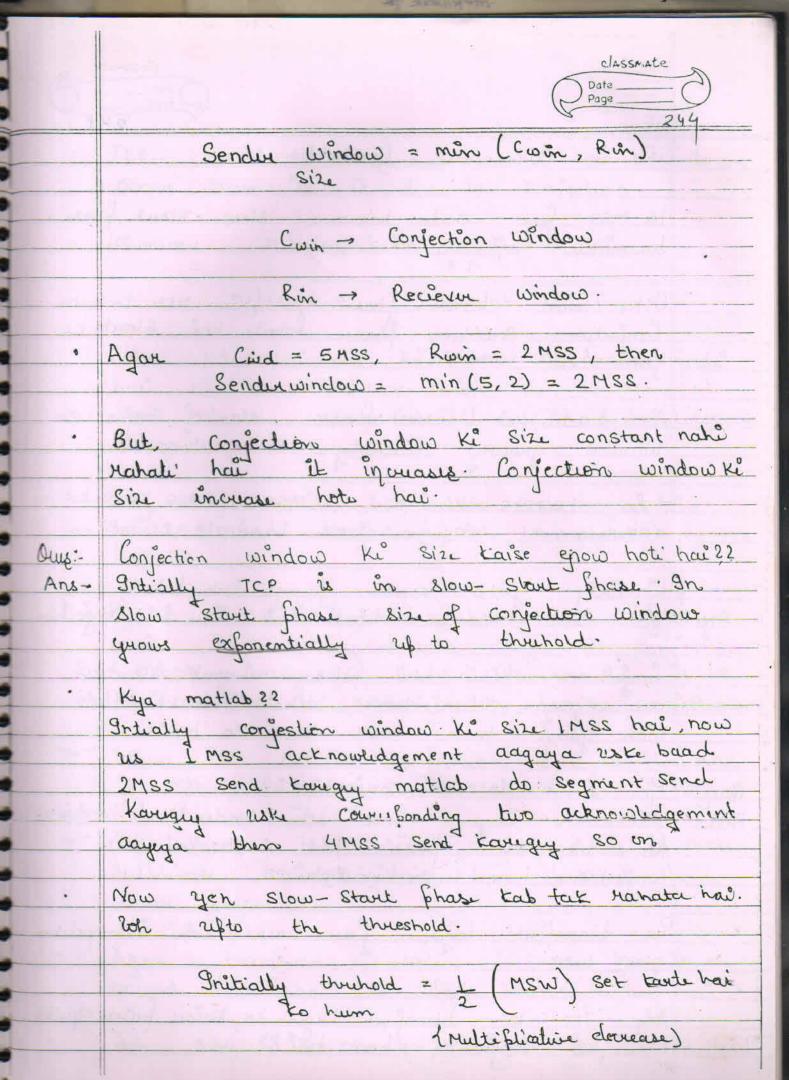
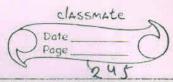


	AIMD classmate
	TCP Conjection Control:
	The Conjection Control:
Ħ	
3.,	Network Layer to conjection Control tarna Chahiye but according to OSI model,
	Charine but according to OSI mours
<u> </u>	Take TEFILE Master part II
	Control nahi Karda hai
•	9n TCP/IP Model, bransport Layer perform
	Congestions Control.
Ħ	Now How TCP handle Conjection: 22
	Joh, jab conjection extablish hota hai,
	tab both sindu and rucievus aggruss
A	on two farameter.
A	
	First one is MSS and second one is MSW
•	MSS → Maximum Segment Size MSW → Maximum Segment Window
	MSW -> Maximum Segment Window
	Conjection Control K lige sinder, conjection
T.	Conjection Control K lige sinder, conjection Window Maintain Karla hoi.
·	Gnitially Size of Conjection window is LMSS
	Suppose & LMSS = 100 bytes.
	Aab ruievu Ki window toh Looo aytu Ki hai
	aux Conjection Window hai loo bytes bot
	Sinder 100 byte bhejaga Ki 1000 bytes bhejga.
	# 1
	Sinder Kêtana sind kariga, sinder kê Wîndow size kêtanî hogî ??
Z E E	Window Size Kêtanê hogi ??

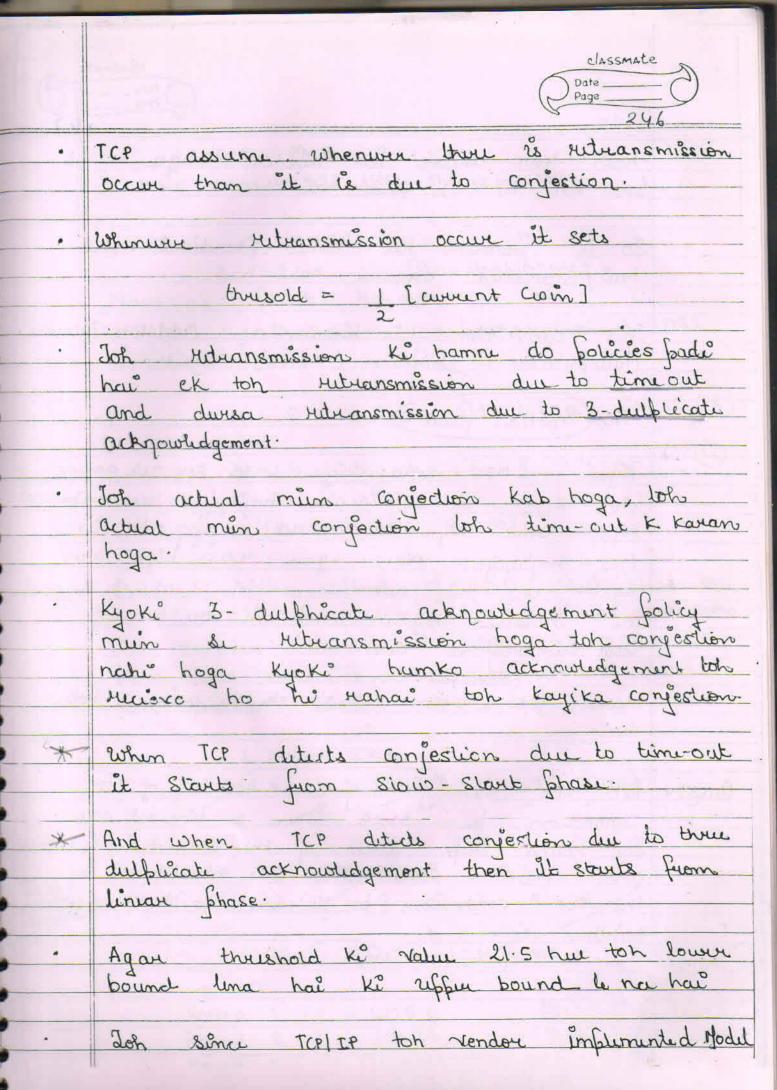
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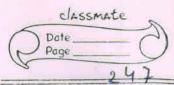
1



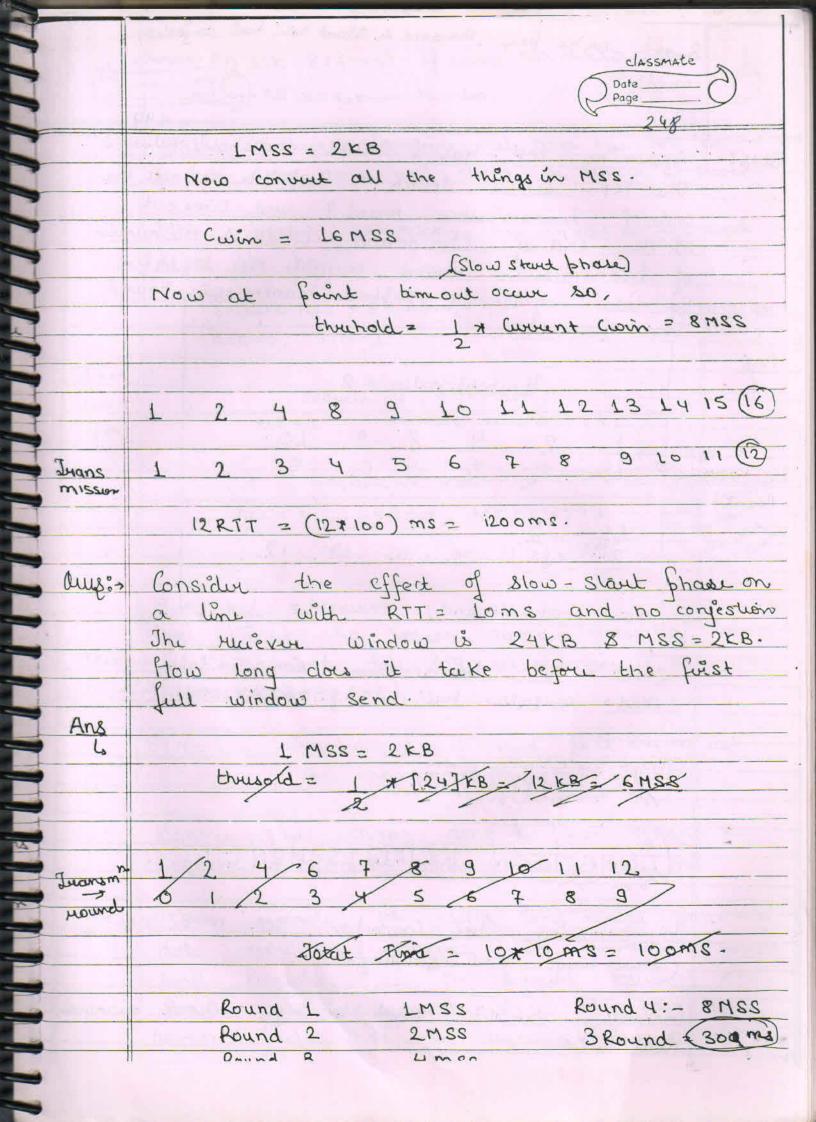


	Page 245
	So in our case threhold= 16.
•	16 MSS far aake hamara slow-start bhase bruminate hojayoga.
	ariminate hojayoga.
\$#X	Uske baad hincar phase ya phir use to hum
	Conjection Avoidana phase Rahate hai, start ho
	Uske baad hincar phase ya phir use to hum. Conjection Avoidana phase karate hai, start ho jala hai. (additive)
	Sn additive (Linear) share, size of Conjections Window growty linearly.
	So LEMSS K baad L7MSS, 17MSS Kaack- -nowledgement aayega riske baad 18MSS on -
	-nowledgement daying a riske baad 18MSS on
	Linearly exam Karter inyear tab take?
Ans-	Linearly grow Kartor jayega kab tak ?? Job tak Sinder dibet hahi kar liter conjection
	Correction Kisi bhi phase mun hosakta hai
19/3/	Conjections Kisi bhi phase mins hosakta hai aun agan conjection dibit hosa hai toho woh you hona baad kan disa hai.
27	wore grow more ever ever
Ours:	How TCP detects conjection ? 2.
Ans→	Meinouix Layer four loss under lined bandwitto
	Ko dik kan fata kan sakta hai ki conjection hua hai ki zahi.
	wryecuero nua na ra jara
	Par transport Layer four aanse Kohe en formation
	Pahi hoti.
# 5° 5	The top us board I be have butter
	John TCP Ki bransfort hayer ko kaise forter chalta hai &?





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	hai, yen vendou fan difend kanga kê 22 lina hai ki 21 lina hai.
•	So is froblem ka kohi Standard nahi hai / Standard answer hahi hai.
	This algorithm is known as Additive incuare Multiplicative Decrease (AIMD) Algorithm.
Ħ	Now Special foint :-
	Agan LMSS Send Kiya LMSS Ka ack aayiga loh Cwim ik &i înovase hojayiga. Now aab 2MSS Send Kiya loh 2 ack aayigiy loh (2+2) MSS hojayiga - Now agan 4MSS Kiya. awn agon ck hi ack aaya loh Cwin ck &i hi înovase hogi i e 5MSS in the last of Cam Cummalitive ack. aani fay Har Ack miss cwin ek se enovase hote hai.
Que:>	Let the Size of conjection window of TCP connection be 32 kB when a time out occur. The Hound trup time of the connection is booms and MSS = 2 kB. The time take lim med by the TCP connection to get back to 32 kB congestion window is -
Ans→	
	District Control of the strain and t



	3-ack kane pay thrusold se stant holi hai conjestion				
1, 12	window. classmate				
	2 49				
Ous:	Assuming TCP has a initial thrushold value 8				
Oute	The TCP bendin detect 3 amplicate ACE ale out				
	a 1 P 1 services Hound + and ameour				
	at the end of 12 Hound . What is the number				
	of beansmission round require to beansfer				
	at the end of 12 Hound. What is the number of beansmission Hound Hequire to beansfore 50 data Segment 22 Lsuppose beansmission Hound Start from 1)				
Λ	Start from L)				
Ans	Thruhold value = 8				
	RAMERICAL SELECTION OF THE SECOND SEC				
	1 2 4 8 9 10				
Transmis					
Round					
	7 (8) 9 10 11 12				
	Now at 7 Round, thrusold = 1 x11=5				
	e 11 Summer				
	Now 8th bransmission min 50 data Eigment Send Karsakta hai (1+2+4+8+9+10+11+5).				
	Send Karsakta New CITZIIII				
	TOP-21 ENLERS:				
	CONNECTION EXPABILISHMENT:-				
	COMMECITOR				
	To make use of				
•	To extablish the Connection TCP make use of three way handstraking.				
2.21	Connection extablish kaune k luje dient initialisal				
130-6-	leta hai				
£10					

	· An ack Segment if can no data, conste				
	no se queme number. (Page)				
		250			
	Jab connectes function call hola has too ek				
	facket send hota hai client se server ki cure.				
*:	Woh facket connections Ki request k high send				
	Kija jata hai.	(SUNUL)			
	Sequence No = X (Random)	CPassi've			
	ACK=0, SYN=1	Open)			
Client					
Lactive	Sequence No = Y (Random)	91			
open)	ACK=L, SYN=L, ACKNO = XTL				
	L S t an Ack	ACK			
	Sequence No. X mod , this just an Ack	aut sequent			
	ACK= 1, SYN=0, ACKNO= Y+1.	aut mander			
Diam'r.	date start	www. Looker			
	3	Leil			
	Mar facket ka sequence number hota Ho	al roh			
James Louis	first segment Ka Sequiner Number is assigned				
	Ham Handomly.				
	SYN=1: Syn bit 1; it shows it is the	reguist			
	for the connection.	V C			
	Joe the connections.				
	· Sequence number tandomly assign hote bai.				
	Sakse fahale joh client send tarega	runne Kohi			
	data nahi hai because woh connection				
	sind Karraha hai us segment mun, toh				
	Surve acknowledgement X+1 bhajega	· Awc			
	hamne fada hai ki byte number	& tarts from			
		4			