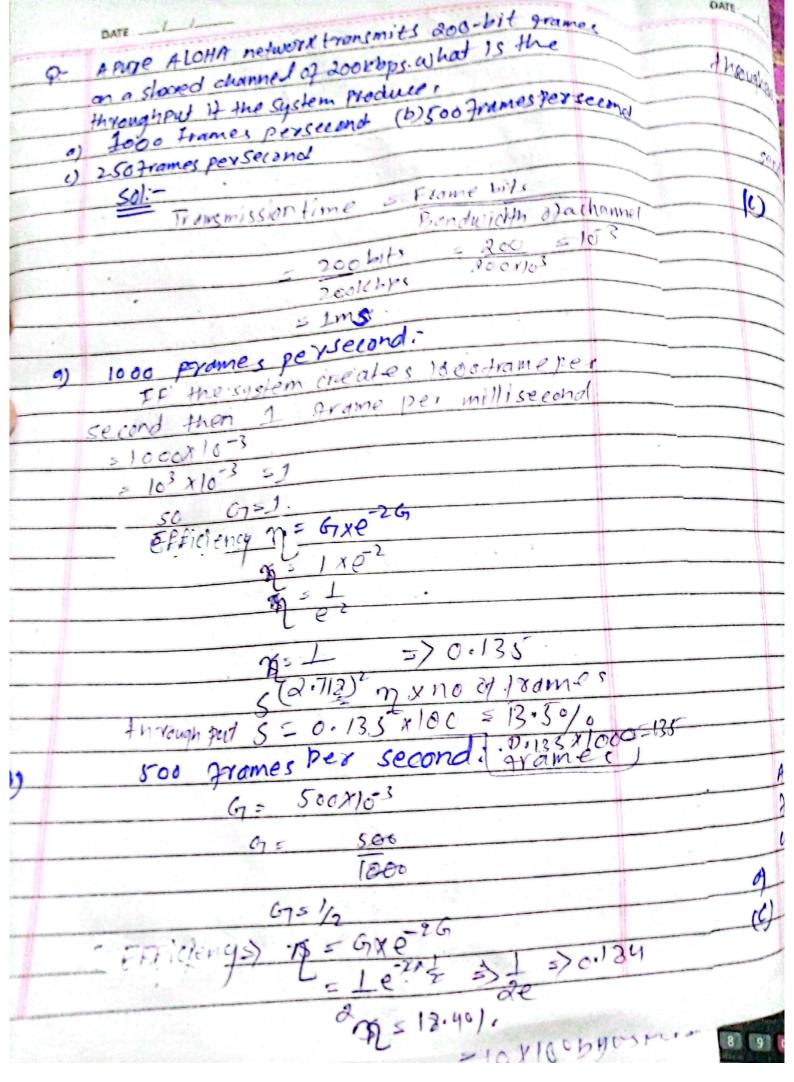
	DATE 29/05/2023
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and the second s	Name: BSCS: 4B) Evening
	class: 21-Arid-557
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	CECTION ACSIGNMENT
-	and the state of the
12.20	A pure 410mg harmol of 2001csps and listen 2:002
	on a shared make this frame corps of
	paulyemen
the state of the s	niver data: nessage = 200 bits Randwidth = 2200 kbps.
	Message 200 Kbps.
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	Jaufion: Transmission time = message
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EL	Throught of prop Alohoris Hovera) of = G1xe-2G 1 = G1xe-2G 1 = G1xe-2G
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	##### 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1



1 hough pul (5) = 0.184 x 500 91 Frames were Probably send out 07 500 250 Frames per second. G = 250 X10 (1) 62: 286 = Efficiency on s one rally 50.152 throughpuf 5 = 0.15 24 250 = 37.9 3) frames sendoutof Example 12. 4:-A Slotted Alott network transmits 200-bit grame on a shared channel of 200kbps what is the throughput i) the system 1000 frames per second (b) 500 fra 250 frames just second

Transmiss on time: racssage Bendwidth T = Robib = 200 2001/ps = 20010 ² Transmiss of the ps = 20010 ² T = ms		DATE: min have become
Transmiss for time 3 Bandwidth T = 800 bi 6 = 200 2001103 16 35 17 ms 17 m		50/:-
T = 800 bib = 200 2001/ps 2001/03 T = 105/s T = 105/s T = 105/s G = 1000/1000 G = 1/2 S = 368 Frames 368 Frames out of 1000 and 632 were collide 500 Frames persond: G = 1/2	(9)	
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1 = 100 s T = ms	and the second	T = 200 bi 6 = 300
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5= 1000/1000 5= 172-4 5= 12-1 5= 0.368 Through put (s) = 0.368 × Frames 503682 1000 = 368 Frames 368 Frames out of 1000 and 632 were collide 500 Frames persond: 6=1/2 6=1/2 6=1/2 5=1/2 5=0.3032 Throughput 5= 0.30324500	THE REAL PROPERTY.	
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368 Frames out of 1000 and 632 were collide 500 Frames persond: 6=1/2 6=1/2 5=1/2 2=12 2=12 3=0.3032 Throughout s = 0.30322500		
10 ere collide 500 frames persond: $G = 1/2$ $G = 1$		= 368 Frames
500 frames persond: $G = 1/2$ $G = 4/2$ $G = 4/2$ $S =$		368 Hames out of 1000 and 059
$G = \frac{1}{2}$ $G = \frac{1}{2}$ $S = \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ $S = \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ $S = \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ $S = \frac{1}{2} + \frac{1}{2$	u	vere collide
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$\frac{5}{2}e^{1/2} = \frac{2(2.71)^{1/2}}{3.032}$ The yough Put $5 = 0.3032$		6=1/2
$\frac{5}{2}e^{1/2} = \frac{2(2.71)^{1/2}}{3.032}$ The yough Put $5 = 0.3032$		6 = 4xe
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	DATE:
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No.	5 4 de 174
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	4(2.71)
-	S= 0.1947
	Throughput (5) = 0.1947 x 250
	5 a ya Tramos were
	sendout of 250 and 201 were take
	in (0) 1) Slar
	Quantitation of the
	A network using CSMA/CD has
	Maximum Propagation time
	Including the delays in the
	devices and ignoring the time
	needed to cond
	needed to send a jamming signal, as 25.64s. what is the
	minimum size of the tramer
	solution;
	2010011011
	oriven dolai-
	Barolwelth B) = 10 Mbps
	= lox106byteske

	CAPP market frame
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	= 25.6710 ts.
or an insurance of the second	
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	L = 2 XTp.
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	Messagesize = QX To y Bandwid
	putting values in above formula
	· ·
	= 2x25.645 x knbbs
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	- J. Obits
	01
	= 516/2
	18
	//
	= 84 bytes The size of Flame: is 64 bytes