6/	
No.	Date20
	Data Cummunication
	y Networking
II	Assignment 02
	(BNI)
	Sumbla Kham (Sp20-BSSE-0027)
T	
6	
<u>u</u>	QUALITY
	PRODUCTS

202	Date20
Questión no 01:-	
( 462 COM 110 OT 8-	
Data :-	
The last the second sec	
Distance 100 m	
Bloom s	
1 topagation delay.	
Speed: 3×108 m/s Propagation delay. Veilmerable time:	
Solution:	
Tropagation dela	y . Distance speed
T V	
	= 100
	3×108
	= 1
	3×106
	= 0.333×10-6 Sec
	20.333 mm US
0 0 0 0 0	
As m CSNA	
vulner alime tim	e = Propagation delay
90	
ralmerable time	: 0.333 Msec
<u> </u>	
Question no of:	
Part & s-	1 1 10 - 11
Propagation dela	ry, distance of cable
	I travelling speed
	3000
	3× 108
La Contraction	= 0.00001 Sec B QUALITY PAPER PAPER

1+6.4 x(10-195) m	oht = ohumoille more
Pa	5-01 × 10-5 5-01 × 10-5 5-01 × 10-2
Pax Pax	C. 200
Lime: Joansmission rate Bond. 20 × 10c Lps 20 × 10c Lps 5.12 × 10-9 sec	รุงลภริทท์รรใจ ท
	B: 1 X 10.5 8
4 4 4 4	31 9 12 12 12

	Date20
Duction no 03:	
12116.3(001)	tho or masterial
Part (a):	
Data Rate = no	of employees x File size x no of
	time per
= 200 × 10 × 10	8×60×60 sec
7:32(4:40)	8 × Oc × G c
= 1111,111.11 60	s solice de vapor
Part (b)	the boundary on 2 duty
load = no empl	oyee x Rate x 500 Kbps.
25	x 500 Kbps.
1250	0 Kbps
OR	
25 7	x 500000 lops
persone to the difference = 128	00000 bps
	5 x 10 -6 NT6ps
Part (C)	and the state of t
With 200 employees	
considering 10 M bps	N. A.
	and Go
metwork needs to	be apaalla
of motioning of the	
- 1 0 000 St 3 50 X 20 Mc - 3	a prosecution states on the second
THE BASE ASHING THE REPORT OF THE	2 No los
NUMBER OF STREET	
F-1000 7 64 506	· add
17/55 x 3/5 y 3/5 2	3000 Silvery
	B EQUALITY PAPER PROPUCTS
	PPERRODUCTS

Question no 04:				
	000			
Hub	Switch			
i) Linde Collision	Multiple Collision			
D Gingle Collision	Multiple Collision domain			
2) layer 1 device	layer 2 device			
, v				
3) Hub is on physical	Switch is on data			
3) Hub is on physical layer	Switch is on data link layer			
Hub is half duplex	Swith 1s Jul duplen Transmission.			
- Lamsmission	-hamsmissism.			
20100000	26			
-5) In hub message is	In Switch, it determine			
- send to all devices	and send message to			
	selected destination.			
-6) It is not intelligent - hence it is reliabilitely	selected destination.  9t is Intelligent  device so. it is			
	device so. it 45			
- in empensive	expensive			
7 1 1 1 2				
- Switch is use in order to minimize				
transmit to all devices but switch are				
0 1 0000 0 1 1000 0 1000 0 1000				
where to cand messo	AND A SHARE THE AND A SHARE THE SHAR			
11:3	e as e broad cast.			
- 00 10011 57 W. O.	it is a should contract			