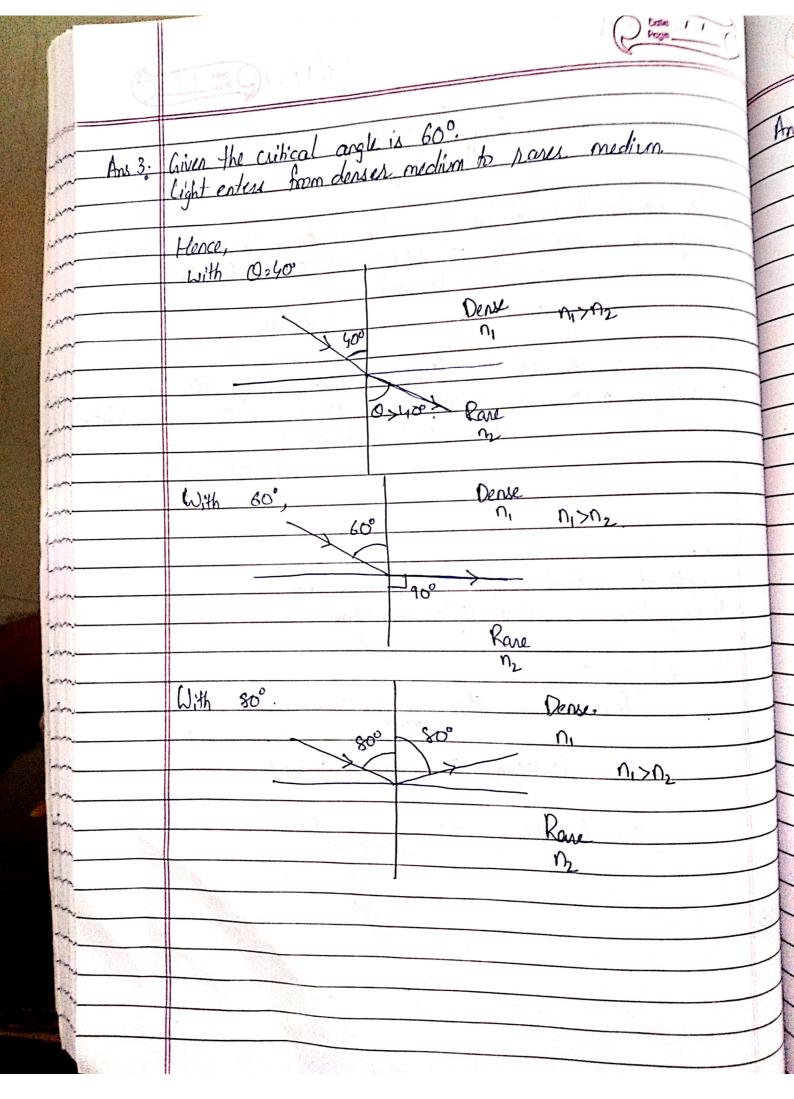
MAME: KRUNAL RANK Apm. No: U18(.0081 BTECH J YEAR



No.	
75	A CLEAN CONTRACTOR OF THE CONT
	Date / /
	Cian't City
	Circuit Switching is a connection Packet Switched Network
	oriented that means a path is Packet Switching is Connectioned.
	oriented that means a path is that means a dynamic destination before the transmission. Packet Suitched Network achieved the transmission.
	Transmission. Packet while I
	Wiveut Suitchion lies
	Circuit Suitching was originally Packet Switching was originally assigned for voice communication. designed for data communication.
	once a path is established in Packet Switching is flexible
	from a path is established for as each parket may travel through a different
	trunsmission, it doesn't change travel through a different while the duration of the youte to reach aits destination on the
	Alssian.
	Entire message is received as . @ Message is received in
	It is from veces sender to form of packets through in receiver.  Aifferent paths from sender
	to received:
	Implemented in Physical layer. Implemented in netronk layer.
	de la contracted path is extended
No.	In Space Division Suitching, a dedicated path is established between the calling and the called subscribers for the entire devalue of the call.
	ooling the calling and the call
	enose durabal of the
	In time division suitching, sampled values of speech signals are transferred at fined intervals.
	transferred at fined intervals.
1	

The state of the s	Date / / Page
A SEED	
The time division suitching may be analog of	ex digital.
The time division Distriction	
The time division switching may be sampled voltage levels of analog statching, the sampled voltage levels of as they are whereas in binary switching, they coding coded and transmitted.	are binger
as they are whereas in binary some J.	
Goding coded and musin	
If the coded values are transferred during the interval from input to output, the technique is	called time
interval from input to output, the technique is	Camo
Space Switching.  If the values are stoned and transferred to at a late time interval, the technique is	The output
at a late sine interval, the technique is	called Time
	\$20,000 CO
A time division digital switch also be design using a combination of space and time switch	tehing tachnism
lora Carrig a Commissing C - 7	J sunga
Ans 6, Given,  date nate = 1 Mbps	
Exchange bits for schip & tearclosin phases =	Iom Lit
Exchange bits for setup & teaveloun phases =  Distance blus 2 panties = 3000 km  Propagation speed = 2×108 m/s	900 8/0
tropagation speed = 2×108 m/s	
Total deby (+)= Delay of 11 1	
Total deby (+) = Delay of sehip & teardard	1 + Delayot
Delay of setup & teardown 2 3k propagation  Pelay of data transfer = propagation data	in delay
Ja data Transtu = propagation del	xy+
Pelay of data transfur = propagation de transmission de	kuy
Polay of Schipf teardoun: $3x3000x10^3 + 3$ $2x108$	15
5×108 1×	x 1000 = 48 m

