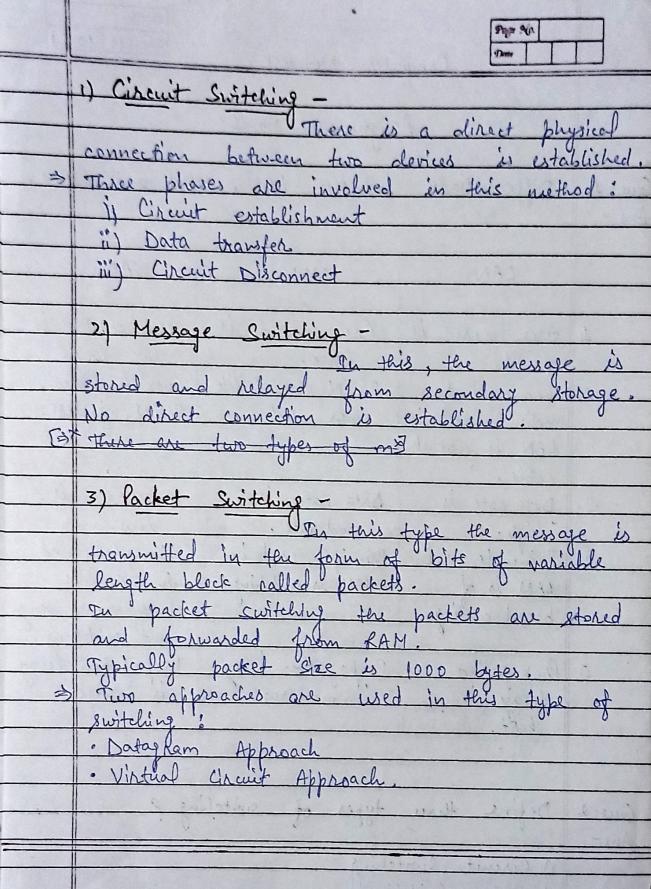
	Computer Network Dute 11 10 21							
	Assignment No. I							
0 .								
Que-1	Differentiate between LAN, MAN and WAN.							
Any -	+ 3 111 165 + 46 01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
	1:001	Note that the second	3447 / 1 · 1					
	LAN	MAN	WAN					
1.	Area covered is	Acceptant in	At a second in					
	small.	Area covered is large.	Area covered is					
	Communication	PSTN on satellite	coaxial rables,					
	medium used in	links used.	PSTN, wheless.					
	LAN is coaxial	Migos positive	12110 Whates.					
	cable.	· ·	,					
3.	Data rate is	Data rate is:	Data hate is					
	high.	moderate.	low.					
4.	high. Principle used	Principle used in	Principle used					
	LAN is of	MAN is switching.	In WAN is					
10.4	broad-casting.	and the state of the	both broadcasting -					
	0	AS WAS ENLARED	and switching.					
5.	Propagation	Propagation delay	Propagation delay					
50	delay is	is moderate.	is large.					
	short.	1	P. State States					
		1.0.1444 054754010						
		Donagla Kibrall	1635411 *					
Ans-	Define three	types of switchio	9 ?					
	1) Circuit Swife							
-	2) Packet Switch	2) Packet Switching						
-	3) Message Suite	3) Message Switching						
		U	,					
A L								
			house of the section and the section of					



Assignment No. 2

Que-1- unite about OSI model in detail

OSI Reference Model

loyered architecture and is designed in a lighty structured way. Each layer in the model has specific sets of procedures, functions and protocols. One layer may communicate with adjacent layer using its Interface.

The layer using between two machines one machine may communicate with corresponding layer of other machine, The layers are such defined that ahanges in one layer do not

Various DSI layers are as follows:

require changes in the other layers.

Application layer Presentation layer Session layer

Thorsport layer's

Data link layer. Mysical layer

	Pog Ho Date				
=	OSI Reference Model -				
1	to develop common standards of network architecture (a set of layers and protocols) throughout the world.				
	4 Application 6 Presentation 5 Session				
	3 Network				
	1 Physical				
	OSI Référence Model				
	Tuterface: The passing of data and network information down possible by an interface between each pair of adjacent layer.				
jk	functions of Layers:				
')	Physical Layer:-				
9	Representation of Rifs Data pate Transmission				
,	Transmission medium Synchronization of blits Line Configuration				

	Trype No Drue
	Physical topology Transmission Mode
2)	
	Physical addressing
,	Flow control Eraon control Access control
3)	A STEEL MARKET AND
,	Logical addressing Routing
भ	Transport Layer:
,	Connection control
	Error control
5)	
•	Synchronization
	Presentation Layer:
•	Translation

to

	Page No.						
	Texte						
	Suchabhen	Snewhhom					
	Encayption Compression			1			
		(Supression)					
3)	Application	Layer:	e constant	military and			
7		d					
	Mail ser	vices.					
		file transfer, access and management in					
	remote c	omputer.	<u> </u>	180			
	Network Writual terminal.						
•	Directory	Directory services to provide distributed					
	database	access of	or global info	amation.			
		database access sofor global information.					

-Que-2	White al	sout TCP/	IP model.	South & 8			
-And-			e client - serv				
	of comm	unication. I	n which a c	omputer			
	user her	rues +s and	is provided	a service			
	To all	is compute	A in the net	work.			
	mo DIAAces	TCP/ IP communication is point to - point					
	boint 1	point in the network to another point					
	Tor host	or host computer.					
		1					
		OSI TCP/IP					
	7	Application	Application				
	6	Presentation	lactores	Not present			
	5	Session	The State of the S	I in the model			
	4	Transport	Transport				
_	3	Network	- Internet	316.03 3			
	2	Data Link	Host-to-network				
1	1 Physical 1						
_*		·					
1	11						

-

1

Page No. TCP/IP Model * Description of TCP/IP Model: TOP/IP model has only four layers:) Host - to - host Network layer -This is the lowest layer in TCP/IP reference model. The host to connect to the Network using some protocol, so that it can send the IP packets over it. This protocol varies from host to host and network to network. 2) Internet layer -The task of the layer is to allow the host to insert packets into any network and then make them travel independently to the destination. 3) Transport layer -This is the layer above the internet layer. Its function one same as those of a transport layer on DSI layer. This yer allows the peer entitles top the source and destination nachines to converse with each other.

Trans 1

Application Layer
TCP/IP mudel does not have

session on presentation layer, because they are
either important in most applications.

The layer on the top of transport layer
is called as application layer.