in Mesh Topology :-The most agnificant example of mesh topology 9s regional telephone office. we find mesh topology as best solution for telephone office, as in Mesh topology each node is connected by every nodes En network with dedicated 18hl. It is most robust topology. In this topology fault Podentification is easy Mesh topology & has fest data transfer (in Star Topology ?-The best example for sterr topology is the local Internet service providers. As all the consumers are and as not connected directly to one dnother. They are connected with the central Internet service provider la known as hub. ISP consumer Consumer consumer

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6		Date Page 2
	(iii) Ring Topology 8-	esologe desta (s)
2000	Systems Railway Tuansy In ture cystem, the sent through device -t reaches the destinate At each device, a tok and the process is Same way in Railo train passes through In bett between of It passes on the Reig Topolopy 95 etill	information 95 o-device until it on. en 95 & created followed through, eay, when a all other stations starting & end station, ring /token. active in some
4	parts of our country	un Hailway system,
(2)	Difference Between OSI model & TCP/ZP	
	OSI Model	TCP/IP Model
10	En OSI Model.	in TCP/IP model
ě	It & was originally created.	It is implementation of accords OSI model
-	OSI model has separate session f	Sessen layer and presentation layer is
		No. of the last of

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	Edite Page	Date Page 3
	presentation layer.	comi combined into
	A S A A S	Application layer
4	Top/70	DCT and laborated
	model are	osI model specifies which functions belong
	relatively Independent	to each of its layers.
	TCP/TP 00 11 0	
•	1 1 Wodel is used	to molessandadio
	1 Triore	simplified implementation
	1 10000	CA OLIVA
	8 - 25 - 201 - 5 PT	O short
(1)	ETHERNET	€) ohu /
	CABLE	us printings us
	Node A Node B Node	escation top ad .
	let physical adder addr	rests of Nocle A = 20
	(0)	Node B = 30
#	Physical Address o	Node C = 40
->	Physical Address :-	SHILLING DES CONG
.0	Here, 3 nodes are co	ofthe physical address
1.0	20 needs to send	
	with physical address	1040 . 100
<u>^</u> →	At this layer it con-	
	data to be sent an	a the physical
	address of sender o	me perper
	V	

Prajapati Yash.P.

20162121023 (BDA) Bigapati Yash.P. # Logical Address :-As there & are 3 nodes connected in bus. topology. We will need to give them IP address. IP address Pr nothing but a kind of address which enables the network to identify the node in whole notwork - For example :- let IP for Node A => 192.168.25.1 Node B > 192.168.25.2 Node C=> 192.168.25.3 By applying subnet mask 255.255.255.0, be get network IP > 192.168.25.0 Port address: -Post address is necessary as the computers now are multitasking. They need to unow the specific port address for specific process

Port address se necessary as the computers now are multitasking. They need to unow the specific process. Ego- let us consider that at Nade og C, there are 3 instemnes running, for our process to get succentuly completed on C packet transfer from node A to we need to get point address. So that

the process will get completed.

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