23K-2001 Networking-LAB 11 opologies as the physical network. Each component node. Topology defines e connected among various network topologies such the technology, that

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circuit board or card. All communications takes	- 10
place on the common cable or bus. There	
is no central server but if the cable	
malfunctions the notwork will crash.	
The state of the s	-
Common	2
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3 Rica Tocalague	0
3. Ring Topology: To ring topology multiple	2
	0
structure. All communications in the network	
Structure. Fill Communications in the network	-
follow a clockwise or anticlockwise pattern.	0
Message goes from device to device until the designated device is reached. There is no	0
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certral server.	0
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~	Date:
-	4. Mesh Topology:
0	In this type of topology
9	Pate: 4. Mesh Topology: In this type of topology each device is connected to every other device through a channel. Mesh Topology provides fast communication and privacy, but installation and maintenance is costy. Total number of links required is found by the formula n*(n-1)/2, where n is the number of devices.
*	device through a channel Mesh Topology
*	provides fast communication and privacy but
*	installation and maintenance is costy Total
8	number of links required is found by the
99999	formula n*(n-1)/2 where n is the number
8	of devices
6	dictions.
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* * * * *	
4	- Tree Topologue
9	5. Tree lopology:
-0	In this topology, the network
-0	follows a tree-like structure implementing a
9	hierarchical flow of data. It is a multipoint
9	connection connected with the central hub. If
-10	the central hub fails the entire network stops.
2	Also, cabling cost is high and it is difficult to
10	add new devices. Hub
-0	
-0	
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A hybrid Topology: 6. Hybrid Topology: As the combination of different types of topologies. Relevant protocols are to be used to link individual topologies such as Ring or Star. The network can be expanded by the architecture is challenging to develop hence in installation cost is very high. 7. Point to Point Topology: Simple type of topology that implements the concept of sender and receiver. It is installed only with the devices, providing high bandwidth. Sender Page Wetony	Da	te:3/11/2023
topologies. Relevant protocols are to be used to link individual topologies such as Ring or Stor. The network can be expanded by the architecture is challenging to develop hence in installation cost is very high. 7. Point - to - Point Topology: simple type of topology that implements the concept of sender and receiver. It is installed only with two devices, providing high bandwidth. Sender American	6. Hubrid Topology:	
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