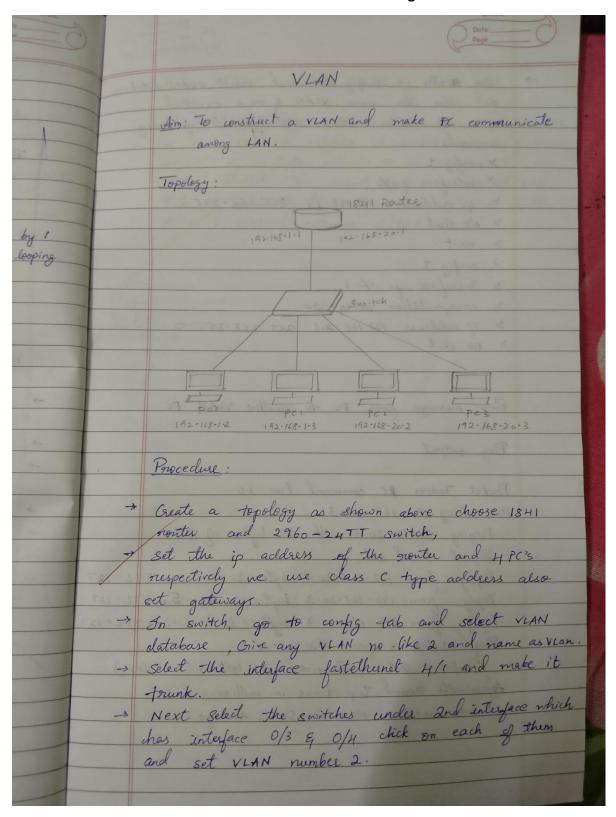
Experiment 11:

To construct a VLAN and make the PC's communicate among a VLAN



	CIMOSMACE	
	Date Page	
155	Oro mouter -> config tab and select VLAN database	Obs
	VLAN & TO	
	and ealer the name Cro to greater - CLI and type the following	VLAN
-	commands:	DZ.
	> config t	avai
	> interface 2 a 90	Cogi
	> ip address 192.168.1.1 255.255.255.0	that
	7 No shut	st
	> exit	
	> config t	
	> Interface for 0/0.1	
	> encapsulation dot 19 20	(10/10)
-	> if address 192.168-20.1 255.255.255-0	F 2
	> no shut	82
-		71
-	Ping message from PC to another VLAN PC	
	Ping output	
-		,
1	Packet Traces RC command line 10	
1	PC> Ping 192-168-20-3	-1183
~	Pinging 192-168. 20.3 with 32 bytes of data	
-	Request timed out	
	Reply from 192.168-20.3: bytes= 32 time=0ms TTL=12	1
	Reply from 192. 168.20.3: bytes = 32 time = 5 ms TTL = 127	61311
MALY	Reply / from 192. 168.20.3: bytes = 32 time = 0ms TTL=1.	
	Ping statistics for 192.168.20.3	
1	Packets: Sent = 4 Received = 3 lost = 1 (25% loss)	
	Approximate ground teip times in milliseconds:	330
LA BURE	minimum = Dms, Maximum= 5 ms, Avelage = 1 ms	
make I	, rectional sins , floringe - Ima	
	A STATE OF THE PARTY OF THE PAR	

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AN database tal.		Observation
Led.		
tollowing .	1	VLAN is a custom network which is created from one
		or more local area networks, It enables a group of Levices
		available in muttiple networks to be combined into one
0		logical network. The result becomes a vintual LAN
		that in administered exactly like a physical VLAN. It is a vintual extension of LAN.
		of a Vignacy extension of LAN.
	/	
	-	
	(10)	
0		
	4	\9 ³
	77	(
PC		
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-		
-	-	
1		
	11333	
14		
TTL=127		
77L=127		
67TL=127		
1,0		
(035)		
-		
-		
1		

Topology and output screenshots:

