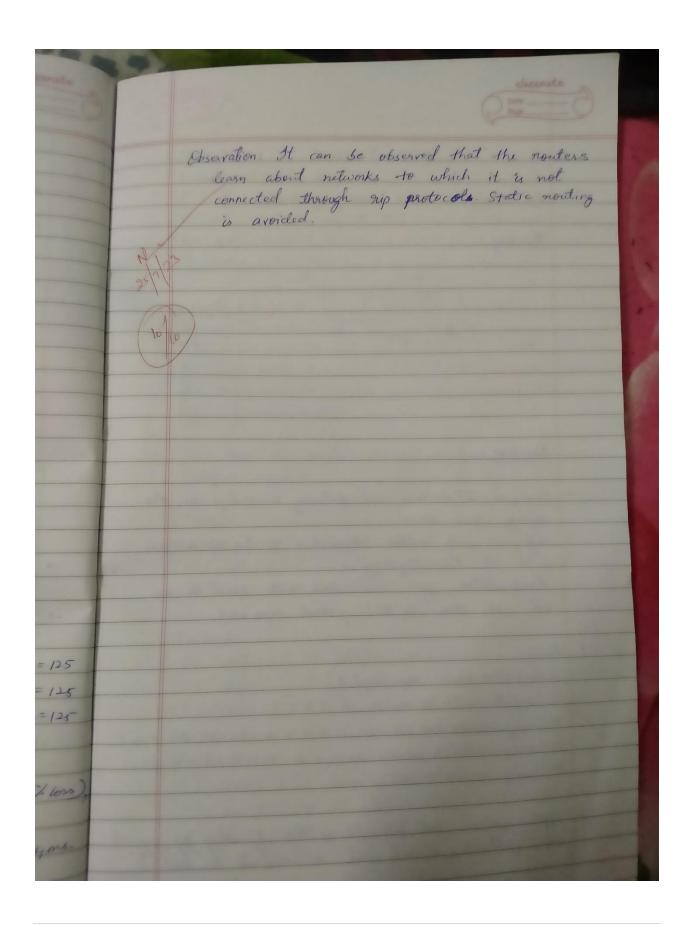
## Experiment 5:

## RIP routing protocol

3	Poge
	RIP protocol
-	The state of the s
Say	Aim: To configure RIP nouting protocol in Routers
	Topology:
	100
	20.0.000 20.00, 20.00 30.00
	2 2 2 2 200.0.10
	10.00010 Pouter Router Router
	1
	, on street
	, on any discitor it
	1 orange desitta k
	PCO PCI
	- Collins the good to the not opellers
	10.0.0.1
	Coded
	Procedure:
	100 Fro - 100 - 10
	-> Place two end devices and three grouters on the
	logical interface  s connect the devices to nonters using copper cross
-	s Connect the devices to grouters using copper cross
	ever ever
re	- Connect The nortless with one another using Serial
761	DCE
	> The interfaces need to g be configured for encapsulation
	est all the state of the state
	Set dock nates on the interfaces where dock
-	symbol is shown.
-	Configure the ip address of the interfaces
-	eseparately similar to previous experiments.
->	Type The following commands for each norter.

	Date	
10	Page	
	> enable	Sp
	> config t	
	interface last othernet	
	7 ip address \$ 10.0.010 253	
	> exit	Nin
	> interface serial 2/0 > ip address 20.0.0.10 255-0.0.0	25/1/2
	r encapsulation gpp	*
	> clock nate 64000	
2	> exit	10/10
	> nouter nip	
	7 network 10-0.0.0	
	> network 20.0.0.0	
	2 villiolik 70.0.0.0	
→ →	Continue The same for other not nouters.	
	Output:	
	· Language L	
	ping 40.0.0.1	
3 7	Process Harrison with 32 1 to 10 11	-
1	Pinging 40.0.0.1 with 32 bytes of data:	
	Request timed out	
3-10-1	Reply from 40.0.0.1: bytes=32 time=27ms TTL=125	
	Reply from 40.0.0.1: bytes = 32 time = 24 ms TTL = 125	
F	Reply from 40.0.0.1: bytes= 32 time=23ms TTL=125	
5	Ping Statistics for 40°0.0.1:	
-	Packel: Sent = 4, Received = 3, Lost = 1 (25/Loss	
A	pproximate nound trip time in milli-seconds:	
-	Minimum = 23 ms, Maximum = 27ms, Average = 24ms	
	Average = 24ms	
		1
		THE PERSON NAMED IN



## **Topology and output screenshots:**



