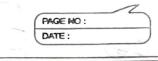
EXPERIMENT - 5 8 12 22 AM: Configuring RIP nouting protocol in routire. PROCEDURE: \* Connect 2 end devices to 2 cavitches each and configure the ip addresses. Then connect the 2 switches to 2 noutres and connect the routers via another nouter. \* Configure ip address of router-switch intuface. \* Configure the ip address of nontre to router intriface neing point-to point protocol. config terminal interface Se 2/0 ip addres 20.0.0.2 255.0.0.0 encapculation ppp clock rate 64000 It the above is & alone for router 1. then held of setting & clock sate at renter 2 interface. \* Then we have to configure default router to each neuter. 20.0.02 ip noute 0.0.0.0 0.0.0.0

PAGE NO: 9-TVBMDBV Configure the rip protocol for notion neing the following In config. mode scenter \* network 10.0.0. D network 20.0.0.D TOPOLOGY: Se3/0 nouter 30.0.0.1 Se2/0 20.0.6.1 Se2/030.00 nouter 10.0.0.3 Fa0/0 40.0.0. switch Switch 40.0.0, 10.0.0. 40.0.0:1 10.0.0.2



UBSERVATION: We use PPP while configuring ip address of interface of 2 routes.

PPP is point to - point protocol of
the data link layer that is used
to transmit multi-protocol data
between two directly connected derices. Encapeulation PPP > This command encapsulation the datagram before it is transmitted and epecifies the physical layer to transmit to. RIP (nonter information perotocol) is a distance vector protocol that uses hop count as its perimany metric. It prevent nonting loops by the implementing a limit on the member of hopse allowed in a path from source to distinction.

RESULT:

We get success ful ofter configuring to the nontine and setting gativary to end devices.

Pine 40.0.0.2

Pinging 40.0.0.2 with 32 bytes of data

Reghest fined out

Reply from 40.0.0.2: byte = 32, fine = 2m

Reply from 40.0.0.2 = bytes = 82, fine = 12ms, TTL=12

<b>H29</b>	EXPERIMENTATE:
	Reply from 40.0.0.2: bytes - 32 time = 12ms
	L = 125
4	ling étatisties foir 40.0.0.2:
- 5	Ping statisties for 40.0.0.2: Packages: sent = 4, recieved = 3, lost-1
	Approximate round trip finne in me min = 2ms, max = 12ms, avg = & me
	min = 2ms, max = 12ms, and = &me
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