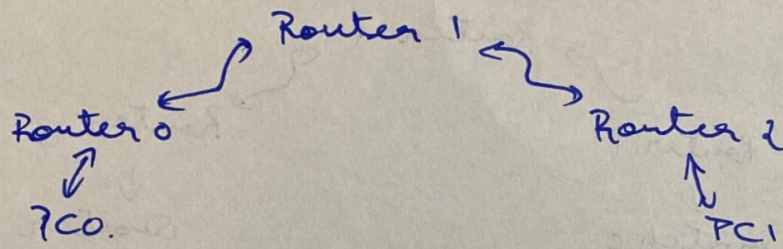


a) Configuring RIP routing protocol in Router

Ans

\* Topology



\* Set gateway & IP address to each device & router

\* Configure:

Ro (config) # ~~exit~~ router rip

Ro (config-router) # ~~network~~ network 10.0.0.0

Ro (config-router) # network 20.0.0.0

Ro (config-router) # exit

Ro (config) # interface Serial 2/0

Ro (config) # encapsulation PPP

Ro (config) # clock rate 64000 #exit

\* With networks as 20.0.0.0 & 30.0.0.0 for router 1

\* With network as 30.0.0.0 & 40.0.0.0 for router 2

\* Once the configuration is done, the packet is ready to send

i.e., ping PC1 from PC0

Ping 40.0.0.10 which sends a packet from

PC0 to PC1