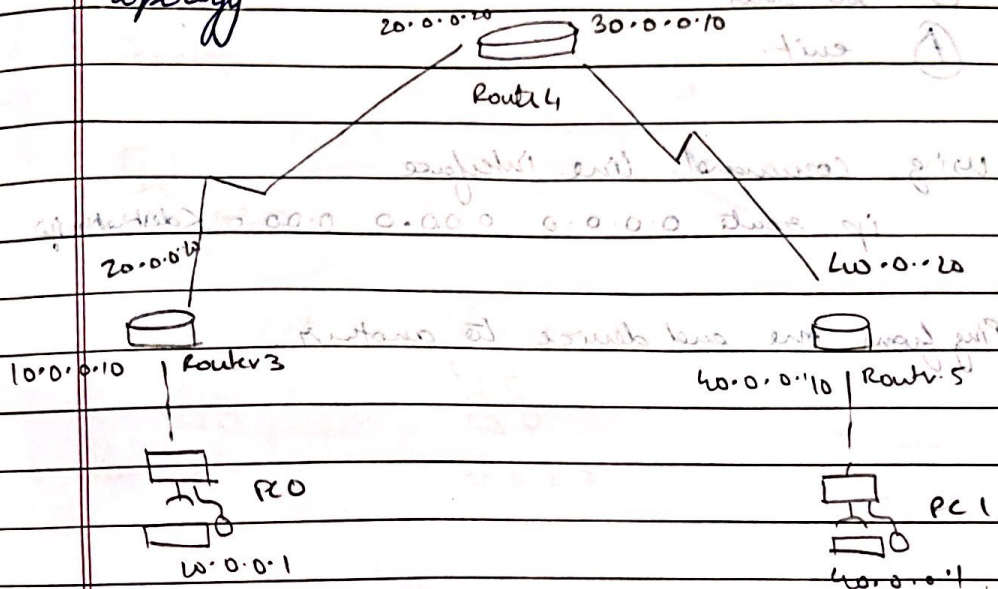


Experiment-3Configuration of default route.

Aim :

Configure default route and static route to the route

Topology :



Procedure :

Add two end devices and three routers to workspace.

Connect routers through serial DTE cable and end devices through copper cross over cable. Assign IP address to the end devices.

End device 1 : 10.0.0.1

End device 2 : 40.0.0.1

Observation ..

- Router are seen to connect two different networks
- If router has only one path to transverse. Default routing to send packet of any destination.
- End devices send the packet to the router which then redirect it to the appropriate destination.

Configuration through CLI commands

a) enable.

b) config t

c) interface <port>

d) ip address <ip address> <subnet mask>

e) no shut

f) exit.

using command line interface

ip route 0.0.0.0 0.0.0.0 0.0.0.0 <destination ip>

Ping from one end device to another