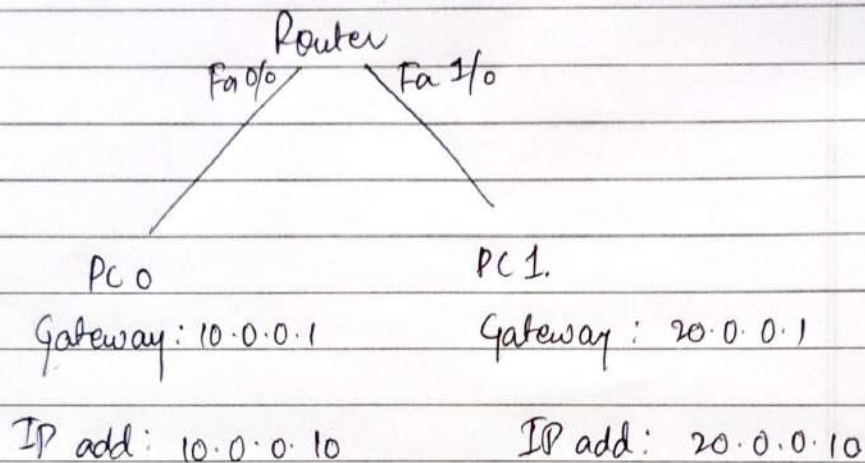LAB-2

2. Configuring IP address to router. in Packet tracer. Explore the following messages: Ping response, Destination unreachable, Request time out, Reply.

sol. 1. Creating the topology :-

Router
Fa 0/0   Fa 1/0

PC 0   PC 1.
Gateway: 10.0.0.1   Gateway: 20.0.0.1

IP add: 10.0.0.10   IP add: 20.0.0.10

2. Set the gateway and IP address to each end devices.

3. Commands to config router:-
   //For PC 0

   → Router >enable
   → Router #config terminal
   → Router (config) # interface fastEthernet 0/0
   → Router (config if) # ip address 10.0.0.1 255.0.0.0
   → Router (config -if) # no shutdown.

   Repeat the same steps for configuring other end devices with router.

// For PC 1

→ Router (config) # interface FastEthernet 1/0

→ Router (config-if) # ip address 90.0.0.1

                               255.0.0.0

→ Router (config-if) # no shutdown.

4. Once Router is configured, send a simple PDU.

5. The network is ready.