Program 4
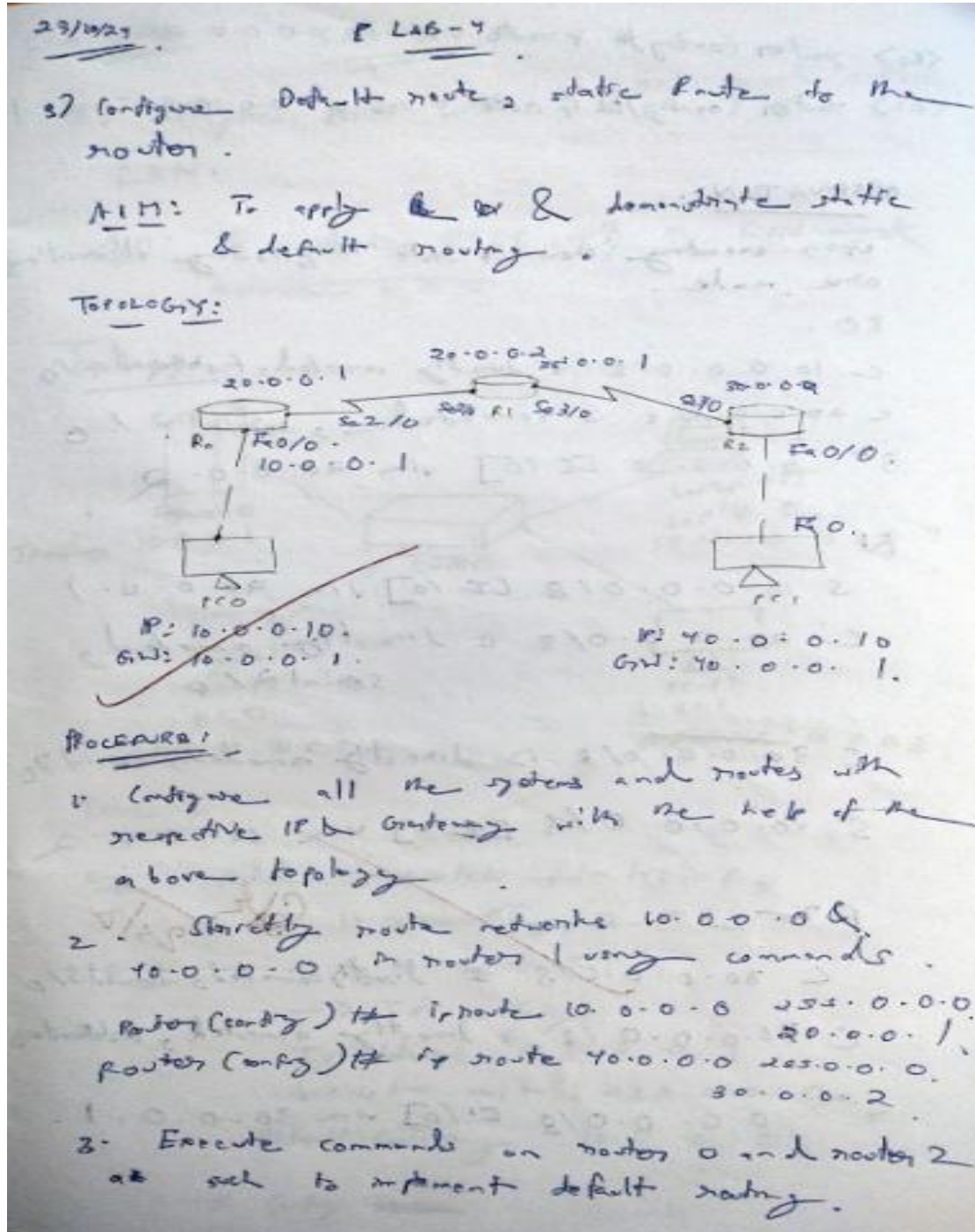
Aim: Configure default route, static route to the Router(Part 2).

Topology , Procedure and Observation:

(R0) router (config)# ip route 0.0.0.0 0.0.0.0 20.0.0.2

(R2) router (config)# ip route 0.0.0.0 0.0.0.0 30.0.0.1

OBSERVATION:

Upon creating "show ip route" following observation are made.

R0.

C 10.0.0.0/8 is directly connected, fastethernet 0/0

C 20.0.0.0/8 is connected, serial 2/0

S* 0.0.0.0 [1/0] via 20.0.0.2.

R1

S 10.0.0.0/8 [1/0] via 20.0.0.1

C 20.0.0.0/8 is directly connected, serial 2/0

C 30.0.0.0/8 is directly connected, serial 3/0

S 40.0.0.0/8 [1/0] via 30.0.0.2

R2

C 30.0.0.0/8 is directly connected, serial 3/0

C 40.0.0.0/8 is directly connected, fastethernet

S* 0.0.0.0/8 [1/0] via 30.0.0.1.

Screen Shots: