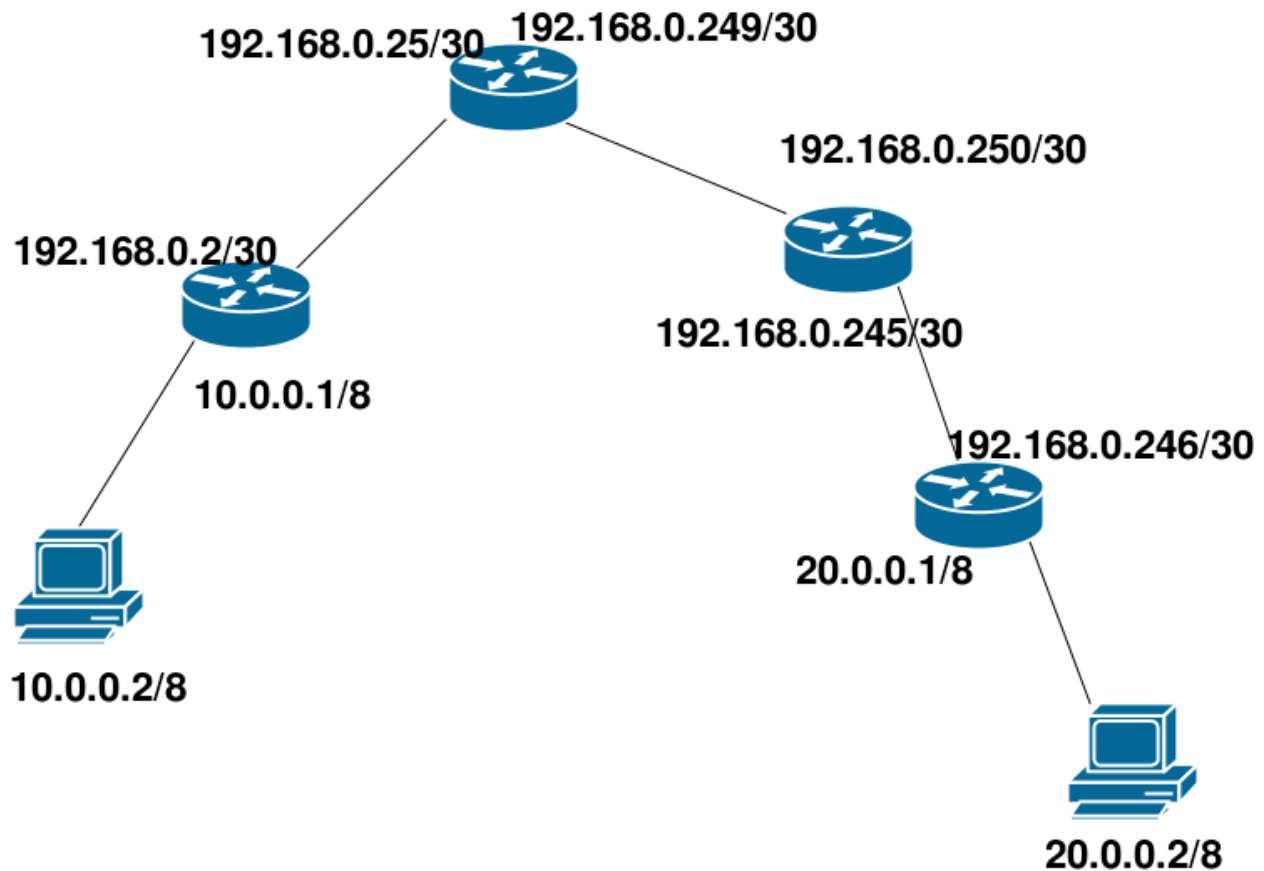**Department of Computer Engineering**

Faculty of Engineering, University of Peradeniya

CO 323 Computer Communication Networks

Laboratory session 3 - Assignment 2

Semester 5, 2017

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1. Configure the static routing in the network shown below

192.168.0.25/30   192.168.0.249/30

192.168.0.250/30

192.168.0.2/30

192.168.0.245/30

10.0.0.1/8

192.168.0.246/30

10.0.0.2/8

20.0.0.1/8

20.0.0.2/8

2. Configure the same network with Routing Information Protocol (RIP)

3. For the following network, submit the outputs of the following commands
   X-loopback address: 3.1.1.1/0
   Y-loopback address: 5.1.1.1/0
   a. show ip bgp
   b. show ip bgp summary
   c. show ip bgp neighbours