

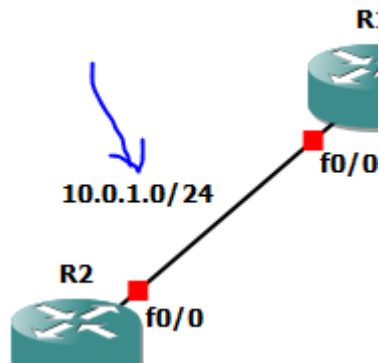
Your Name:

Date:

The last two digits of your studentID:

Homework: RIP and OSPF protocols using GNS3

- I. Use GNS3 or other similar tool to configure network as in the diagram:
 - a. Device in RIP domain: R1,R2,R3,R4
 - b. Devices in OSPF domain: R1,R5,F6,R7
- II. Use this network: 10.ID.x.x
(ID: your last two digits of your studentID. The last two octets, you can use any subnet you like)
- III. In your topology, under each segment, make sure you put the segment network ID such as 10.0.1.0/24 in this example:

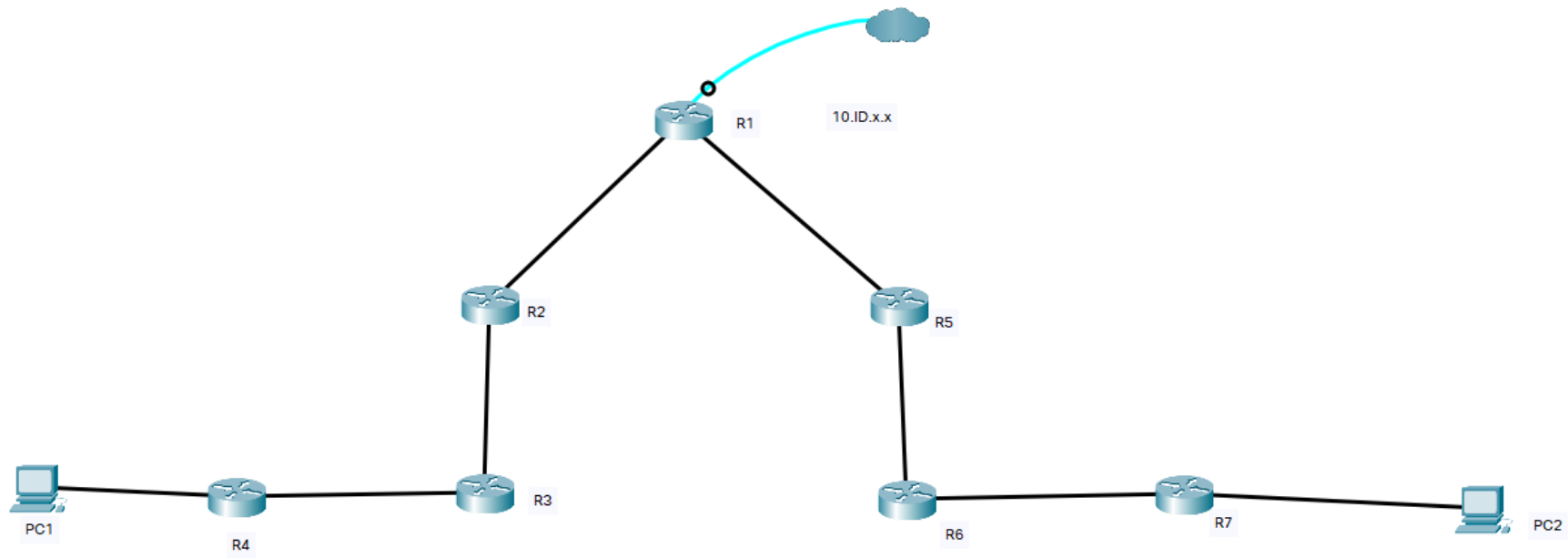


IV. Output:

1. Able to ping from PC1 to PC2 and PC2 to PC1, show screenshots
2. From PC1, ping your host computer, show screenshot
3. From PC2, ping your host computer, show screenshot
4. From your host computer: ping PC1 and PC2, show screenshot
5. On R4: run this cli "show ip route" and show screenshot
6. On R7: run this cli "show ip route" and show screenshot

V. Lab submission:

1. Submit all screenshot from above
2. Submit a screenshot of your topology in GNS3
3. Export GNS3 file, upload into your google drive if the file is too big for canvas, then include the share link in the report above.



4.