**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_**

**CISC272 – CCNP-ROUTE**

**Chapter 1 – Routing Services**

1. Define a floating static route. What administrative distance would you set for a floating static route when using EIGRP?
2. Assuming the default administrative distance, what routing protocol is being used for the following routs (displayed with the **show ip route** command).
	1. **192.168.35.0/24 [90/2] via 192.168.2.2, 00:00:30, Serial0/0**
	2. **192.168.70.0/24 [110/2] via 192.168.2.2, 00:00:30, Serial0/1**
3. What is the administrative distance of EIGRP-learned routes that have been injected into EIGRP via redistribution?
4. Describe ODR and how it is typically used?
5. Describe the function of IEEE 802.1x in the enterprise?
6. What is meant by the terms Transactional traffic?
7. Describe QoS and its role in a converged network.
8. Describe IIN. Provide details about the different phases.
9. How is virtualization used in an IIN infrastructure?
10. What is PPDIOO? Identify the different phases and steps of this model.
11. What is the structured approach model?
12. Describe, IN DETAIL, the three-layer hierarchical design model.