

NAME: _____ DATE: _____

Northampton Community College
CISC267 – CCNA 2 - Chapter 7 Study Guide

1. How does RIP v2 handle auto-summarization?
2. Explain the following output. How can you correct this problem?
Mar 24 19:50:09.250: RIP: ignored v1 packet from [neighbor] (illegal version)
3. Why would you implement RIPv2 instead of RIPv1?
4. What are the similarities and differences between RIPv1 and RIPv2?
5. When configuring two connected routers with discontinuous subnets, which version of rip would be preferred and what additional configuration command is needed for proper communication to occur?
6. Explain the *passive interface* command.
7. Assuming routers are configured properly and converged, what affect does the *redistribute static* command have on a down stream routers routing table.

8. What is the max hop limit for RIPv2?
9. What does the *network* command do when configuring a routing protocol?
10. What are the private IP addresses according to RFC1918?
11. What is a loopback interface?
12. Describe why and where you would use the *default-information originate* command.
13. What field in the RIPv2 header allows support for VLSM?
14. What command would allow for only RIPv1 updates to be received and sent?
15. What is the default setting for RIP on a router? What is sent and received?