

NAME: _____ DATE: _____

**Northampton Community College
CISC267 – CCNA 2 - Chapter 9 Study Guide**

1. What is EIGRP? Describe its characteristics.
2. List the 3 databases used by EIGRP.
3. Which EIGRP database contains a list of feasible successors?
4. What is an Autonomous system number?
5. What values must be identical for EIGRP to form adjacencies?
6. Explain the algorithm used by EIGRP.
7. When running EIGRP, what process a router go through when a link to a network goes down?
8. After issuing the *show ip eigrp topology* command, you notice a “P” in front of the network address. What does this “P” stand for?
9. How many routes can EIGRP load balance between? What is the default?

10. What table(s) contain the primary route to a destination?

11. What information is contained in the EIGRP topology database?

12. What is a bounded update?

13. What does the command **show ip eigrp topology all-links** display?

14. How does EIGRP handle equal cost paths?

15. By default, which 2 metrics are used by EIGRP to determine best path?

16. What are the following Administrative Distances?
 - a. EIGRP Default _____
 - b. EIGRP Summary _____
 - c. EIGRP External _____

17. Describe the process a router goes through when a link goes down.