

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

**Northampton Community College**  
**CISC271a – CCNA 3 - Chapter 2 Study Guide**

1. Explain CSMA/CD? What happens after the backoff period expires?
2. What are the advantages of full-duplex over half-duplex?
3. What action does a switch take on a packet when it does not have the destination MAC address in its CAM?
4. How does a switch learn about MAC addresses?
5. How many collision domains exist on a 24 port switch that is populated with 12 devices?
6. When in the CLI, what are the different configuration modes on a switch?
7. What command is used to display help in the CLI? How would you display sub-commands available for a primary command?
8. Where is the startup config stored on a switch?
9. What is SSH? How would you configure SSH for a VTY line?