

NAME: _____ DATE: _____

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

1. Describe the benefits of VLANs.
2. What is VLAN1? In a default configuration, which ports belong to VLAN1?
3. What is a trunk link?
4. What is DTP?
5. When do VLAN tags get added to a frame? When are they removed? Do the source and destination nodes know about the VLAN tags?
6. What device allows for inter-VLAN communication?
7. On a LAN switch (L2), what happens to member ports of a vlan when the vlan is deleted?
8. Explain the following command:
switchport mode dynamic desirable
9. What is a native VLAN?

10. Why would you use switchport security?

11. How does a trunk handle broadcast traffic?

12. What are the steps to reset a switch so it returns to its default configuration?