

Name: _____ Date: _____

Northampton Community College
CISC271 – CCNA 3 & 4 – WANs and Security
Chapter 6 - Study Guide

1. What is DSL? Are there any limits to its range? Explain.

2. Identify the Layer 1 requirements for Data over Cable.

3. What are some problems associated with cable internet connections?

4. Describe a VPN. What are its main functions? What protocols make it possible?

5. What is authentication? Describe some authentication methods.

6. How is data confidentiality achieved through a VPN?

7. Explain 3 common encryption methods.

8. Describe the key features of WiMAX.

9. What frequency band is data transmitted on a cable network?

10. Describe IPsec. What protocols are used for authentication and data integrity?