Name: _____ Date: _____
Northampton Community College
CISC 231 – Data Communications and LANs (CCNA 1)
STUDY GUIDE FOR CHAPTER 3

1. What application layer protocol is commonly used to support email between a client and a server?

2. What application layer protocol is commonly used to support file transfers between a client and a server?

3. What is the difference between a peer-to-peer network and a client-server model? What are the benefits of each?

4. What is DNS?

5. List and briefly describe five application layer protocols that you work with daily. Identify their port numbers.

6. What is SSH?

Kevin Manna

7. Which layer of the OSI model supplies services that allow user to interface with the network?

8. What application layer protocol describes the services that are used for file sharing in Microsoft networks?

9. List some characteristics of clients in data networks?

10. What is the role of the OSI application layer? Compare this with the TCP/IP model.

11. How does the application layer on a server usually process multiple client request for services?

12. What is DHCP?

13. What is FTP?

14. What is telnet?