Name: _____ Date: _____
Northampton Community College
CISC 231 – Data Communications and LANs (CCNA 1)
STUDY GUIDE FOR CHAPTER 4

1. Identify the fields of the Transport Layer header.

2. How is the Transport layer UDP protocol different from TCP protocol?

3. What do TCP and UDP use to pass information to upper layers?

4. What do port numbers do?   Why use port numbers?

5. What port numbers are used for public applications? Are assigned to companies? Are unregulated?

6. Which OSI model layer is responsible for regulating the flow of information from source to destination, reliably and accurately?

7. Explain flow control at the transport layer.

8. Identify the fields of a TCP segment.

9. Identify the fields of a UDP segment.

10. What features make TCP more reliable then UPD?

11. Identify the well-known protocols for the following port number

    a. 23-
    b. 35-
    c. 21-
    d. 80-
    e. 53-

12. Describe the three-way handshake

13. What is windowing?

14. What are the primary duties of the Transport Layer?