

ITS 332 Networking Lab

Quiz 1

Prepared by Dr Steven Gordon, 16 December 2007, Revision 80.

First Name: _____ Last Name: _____

Date: _____ ID:

For all tasks, record the exact command you used to perform the task.

Task 1. Record the IP address and hardware address of one interface on your computer (make sure this interface can be used to access the local server).

Command
IP Address
Hardware Address

Task 2. Capture the traffic for the following task.

Task 3. Record the average and minimum round trip time between your computer and the server by sending five ICMP Echo Request packets with 1000 bytes of data to the server.

Command
Average Round Trip Time
Minimum Round Trip Time

Task 4. *From the packet capture, record the hardware address of the other device your interface communicates with. What is the other device?*

Device Hardware Address
What is the device?

Task 5. *For the first Echo Reply in the packet capture, record the total length of the IP packet.*

IP Total Length

Task 6. *With the exception of the first 8 bytes, how is the data generated in the ICMP Echo messages?*

Explain ICMP Data
