

ITS 332 Networking Lab

Quiz 1

Prepared by Dr Steven Gordon, 18 December 2007, Revision 84.

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 maximum round trip time between your computer and the server by sending five ICMP Echo Request packets, with an interval between Request packets of 2 seconds.

Command
Average Round Trip Time
Maximum 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 which protocols used in the transfer of the ICMP Echo Request packets, does Wireshark report a checksum is used?*

Protocols using Checksum

Task 6. *What are the decimal (ASCII) values of the last 8 bytes of data carried in the ICMP Echo Reply packets?*

Last 8 Bytes
