ITS332 – Quiz 1 Answers

Name: _____

ID: _____   Mark: _____ (out of 6)

When explaining your answer you should refer to the commands (and options) used.

Question 1 [1 mark]
What is the hardware address associated with one LAN card in your computer? Explain how you found the answer.

Question 2 [2 marks]
Use ping to send 5 ICMP request packets, each containing 500 bytes of data, at a speed of 1 packet every 2 seconds, to the destination 10.10.6.110.

   a)   Record the command used. [1.5 marks]

   b)   What is the average round trip time? [0.5 mark]

Question 3 [1 mark]
What is the default DNS server that your computer uses? Explain how you found the answer.

Question 4 [1 mark]
You can manually assign hostnames to computers in your network. What file would you edit to give your computer the hostname "mycomputer"? What text would you add to the file?

Question 5 [1 mark]
A DHCP server may return information about an IP address (and associated lease time) for a client. What other information may be included about *other* services/servers in the DHCP response?