ITS332 – Quiz 1

Name: _____

ID: _____ Mark: _____ (out of 6)

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

Question 1 [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 total time that ping runs? [0.5 mark]

Question 2 [1 mark]
Explain the difference between the “renew” and “rebind” times of a DHCP lease.

Question 3 [2 marks]
If you know your network has only one default router, but you don't know its IP address, explain how you would discover you default routers hardware address. Give any commands you would use in the explanation.

Question 4 [1 mark]
The netbios-ns service is a special name server. Sometimes DHCP can be used to tell your client of a netbios name server. What is the default port number of a `netbios-ns` server? Explain how you found the answer.