

CS 455/555
Introduction to Networks & Communication
Spring 2008

Homework 1
Points: 20
Due: January 22, 2008

The following questions are selected from Chapter 1 (Pages 69-75).

Question 1 [Points 3] . P2 a (write a brief justification for your answer)

Question 2 [Points 3]. P5. a and b

Question 3 [Points 3]. P18

Question 4 [Points 3]. P22

Question 5 [Points 5]. P6 (pretty lengthy one)

Question 6 [Points 3]. Using <http://www.cogentco.com> and <http://xostats.xo.com>, traceroute between 128.82.5.38 and Washington, DC core router. (Go to <http://www.traceroute.org/#USA>) for direct links to both these sites. Show what they display and explain what it means.