

CSE 556 Internetworking Fall Semester 2002

Homework No. 2

Due Date October 30, 2002

Total: 50 Points (10 Points each)

Question 1: What is fragmentation? What fields of IP header are used for fragmentation?

Question 2: What is the purpose of the TTL field in the IP header? How does the TTL process work?

Question 3: How are the class A, B, and C IP addresses recognized in dotted decimal? How are they recognized in binary?

Question 4: What is proxy ARP?

Question 5: Why are subnets used in IP environments?