

# **CSE 556 Internetworking Fall Semester 2002**

## **Homework No. 1**

**Due Date October 28, 2002**

Total: 50 Points (10 Points each)

**Question 1:** Name three fundamental differences between LANs and WANs.

**Question 2:** What is the primary similarity between a bridge and a router? What is the primary difference between a bridge and a router?

**Question 3:** As a packet progresses across an internetwork, does the source address change?

**Question 4:** What is the purpose of a MAC protocol?

**Question 5:** Under the condition of a lightly loaded network which protocol would provided a low delay in medium access, Ethernet or Token Ring?