

# CSE 556 Internetworking Fall Semester 2002

## Quiz No. 1

August 26, 2002

Time Allowed: 20 Minutes

Name: \_\_\_\_\_

Total: 40 Points (8 Points each)

**Question 1:** Differentiate between the responsibilities of the datalink layer and the transport layer of the OSI Reference Model. Name one standards-based protocol at each layer.

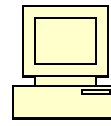
**Question 2:** What is the difference between switched networks and broadcast networks? Why is the broadcast model of transmission suitable for a local area network.

**Question 3:** Name the types of intermediate systems which work on the layer 1, 2 and 3 of the OSI Reference Model respectively. What are the names of the PDU's that each one of these intermediate systems handle or work with?

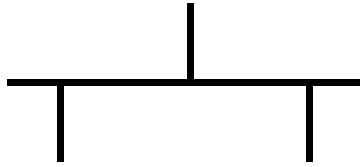
**Question 4:** Label each of the following icons:



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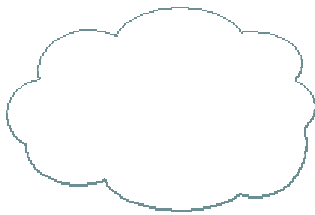
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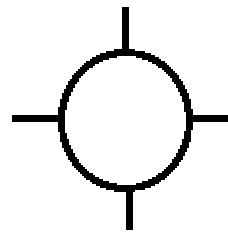
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**Question 5:** Label each item in the following figure and define each term you label:

