

Name: _____

SSN (last 4 digits): ____ ____ ____ ____

CIS 748 QUIZ (20080917)

1. What is another name for a switch that implements layer 2 and layer 3 technology.
 - a. Bridge
 - b. Brouter
 - c. Repeater
 - d. Router
2. A hub (multiport repeater) operates at what OSI layer?
 - a. Physical
 - b. Network
 - c. Transport
 - d. Application
3. Your network suffers data loss due to attenuation. What device, at a minimum, must you install?
 - a. Bridge
 - b. Brouter
 - c. Router
 - d. Repeater
4. Your network's physical topology is that of a star configuration. From time to time, each workstation will hold a packet called a token, during which time it will transmit data and then pass the token along to the next workstation. What is the logical topology of your network?
 - a. Bus
 - b. Star
 - c. Mesh
 - d. Ring
5. You are a network administrator for the Acme Corporation, and you need to design a network for the corporate office in New York City. You design a network with Category 5 unshielded twisted-pair (CAT 5 UTP) cables arranged in a star topology. Which layer of the Open Systems Interconnection (OSI) model is associated with these design components.
 - a. Transport layer
 - b. Data link layer
 - c. Network layer
 - d. Physical layer