

CCDA Guide Chapter 3 *Do I Know This* Questions

Write / Circle the correct answer or write the matching item number

1. What device filters broadcasts?
 - a. Layer 2 switch
 - b. Hub
 - c. Layer 3 switch
 - d. Router
 - e. A and C
 - f. C and D
 - g. A, C, and D
2. What is the maximum segment distance for Fast Ethernet over unshielded twisted pair (UTP)?
 - a. 100 feet
 - b. 500 feet
 - c. 100 meters
 - d. 285 feet
3. What device limits the collision domain?
 - a. Layer 2 switch
 - b. Hub
 - c. Layer 3 switch
 - d. Router
 - e. A and C
 - f. C and D
 - g. A, C, and D
4. The summarization of routes is a best practice at which layer?
 - a. Access layer
 - b. Distribution layer
 - c. Core layer
 - d. WAN layer
5. What type of LAN switches are preferred in the campus backbone of an enterprise network?
 - a. Layer 2 switches
 - b. Layer 3 switches
 - c. Layer 3 hubs
 - d. Hubs
6. Two workstations are located on separate VLANs. They exchange data directly. What type of application is this?
 - a. Client/server
 - b. Client-peer
 - c. Peer-peer
 - d. Client-enterprise
7. Which type of cable is the best solution in terms of cost for connecting an access switch to the distribution layer requiring 140 meters?
 - a. UTP
 - b. Copper
 - c. Multimode fiber
 - d. Single-mode fiber
8. Why is switching preferred over shared segments?
 - a. Shared segments provide a collision domain for each host.
 - b. Switched segments provide a collision domain for each host.
 - c. Shared segments provide a broadcast domain for each host.
 - d. Switched segments provide a broadcast domain for each host.