

CS 3800 Computer Networks

Instructor: John Korah

Quiz # 7

Duration: 15 minutes

NAME: _____

SECTION: _____

1. What function does CSMA/CA provide that CSMA/CD does not?
A. Data packet collision avoidance
B. Data packet collision detection
C. Data packet error checking
D. End-to-end data packet encryption

2. What hardware enables wireless PCs to connect to resources on a wired network segment in infrastructure mode? (Select two.)
A. A bridge
B. A hub
C. A router
D. An access point

3. Why should you configure a unique SSID for your wireless network?
A. A unique SSID prevents access by any network device that does not have the same SSID configured.
B. A unique SSID boosts wireless network range.
C. A unique SSID boosts wireless network data throughput.
D. A unique SSID enables backward compatibility between 802.11g and 802.11b.

4. A wireless networking topology consisting of at least one Access Point (AP) providing client devices with access to network resources is known as:
A. Infrastructure mode
B. Independent Basic Service Set (IBSS)
C. Ad hoc mode
D. Peer-to-peer mode

5. A type of management frame containing information about the wireless network that helps wireless-capable devices discover the presence of a wireless LAN is known as:

A. Beacon frame
B. Magic packet
C. Service Set Identifier (SSID)
D. Jumbo frame

6. What is the difference between a permanent address and a care-of address? Who assigns a care-of address?

Permanent address an IP address provided for the home network. When the mobile node moves to a new foreign network, it is provided with a new address or care-of-address. This address is provided by the foreign agent in the foreign network.