

Wireless Networks Quiz 1

Name: _____ Date: _____

1. We are installing a WiFi network for a company. How many of the Wireless Access Points typically link to the Wide Area Network?
 - a. 4
 - b. 3
 - c. 2
 - d. 1

2. How can we tie all of the Wireless Access Points together?
 - a. Use wireless bridges and they will communicate wirelessly
 - b. Use wireless access points and tie them together with category 6 Ethernet crossover cables
 - c. Use wireless access points and tie them together with category 6 Ethernet patch cables
 - d. Use wireless category 6 units

3. We have nine wireless access points assembled in a building that appear as 3 rows and 3 columns from the layout. The center wireless access point is on channel 5. What channel for the surrounding wireless access points should we not use?
 - a. 4
 - b. 9
 - c. 5
 - d. 0

4. When we setup the WiFi network, we receive a set of static business class IP addresses from the ISP. It is a class A network with the network IP address 80.0.0.0 and the last IP address 80.0.0.7 as the broadcast address. The gateway IP address is 80.0.0.1. The rest are available for our use. What would the subnet mask be for this Class A addressing scheme?
 - a. 255.0.0.0
 - b. 255.255.248.255
 - c. 255.248.255.0
 - d. 255.255.255.248

5. In a business class Wide Area Network, what can we expect to be provided through the WAN connection?
 - a. AC power
 - b. Television signal
 - c. Telephone signal
 - d. Internet signal

6. In a Wireless network, what is the bandwidth for communication to the WiFi router using category 6 cable?

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7. Typically, how far can we place the access points apart to retain proper signal strength in a building using 802.11n routers?
 - a. Just over 100 feet
 - b. Just over 1000 feet
 - c. Just over 100 meters
 - d. Just over 1000 meters

8. When programming a wireless router on a business class WAN connection, we set
 - a. The WAN DHCP settings
 - b. The WAN Static settings
 - c. The LAN settings
 - d. The WAN STMP settings

9. When building a wireless network, what government agency overlooks safety on the worksite
 - a. IRS
 - b. Department of Defense
 - c. OSHA
 - d. FBI

10. When checking an installation, what is the minimum amount of bars (strength) acceptable?
 - a. 5
 - b. 4
 - c. 3
 - d. 2

11. When attaching wireless access points, kinks in the copper Category cable cause
 - a. Increased bandwidth
 - b. Decreased bandwidth
 - c. More bandwidth
 - d. 100% bandwidth

12. When making connections to wireless access points, what is the amount of spare cable calculated for each wire in the network?
 - a. 100 to 200%
 - b. 50 to 100%
 - c. 10 to 50%
 - d. 1 to 5%

13. When pulling cable in a building, what is the minimum number of ladders to run the cable efficiently?
 - a. 3
 - b. 2
 - c. 1
 - d. 4

14. When programming a wireless access point, what setting do we make for the LAN side connections?
 - a. DHCP
 - b. Static IP
 - c. SMTP
 - d. DNS