

Chapter 7 CNNA cisco v4.1

- 1) Why is IEEE 802.11 wireless technology can transmit distances further than Bluetooth? * **Has higher power output**
- 2) What are three advantages of wireless technology in cable technology? (Choose three.) * **Anytime, anywhere connectivity * Easy and inexpensive to install * Ease of adding additional devices**
- 3) What are two benefits of wireless networks in wired networks? (Choose two.) * **Mobility * The reduced assembly time**
- 4) A technician has been asked to provide wireless connectivity to the Ethernet cable from a building. What are the three factors affect the number of access points needed? (Choose three.) * **The size of the building * The number of solid interior walls in the building * The presence of microwave ovens in various offices**
- 5) Why is safety so important in wireless networks? * **Wireless networks broadcast data over a medium that allows easy access.**
- 6) What does the Wi-Fi logo indicate about a wireless device?
IEEE has approved this **device.** * **The device is interoperable with other devices on the same level as also are the Wi-Fi logo.**
- 7) Which statement is true concerning wireless bridges?
* **Connects two networks with a wireless link**
- 8) What WLAN component is commonly referred to as an STA? * **Wireless Client**
- 9) Which statement is true concerning an ad-hoc wireless network? * **Created by connecting wireless clients on a network of point to point**
- October) Refer to the chart. In the wireless menu option of a Linksys integrated router, which means the mixed network option? * **The router supports 802.11b, 802.11g and 802.11n devices.**
- 11) See the chart. On the menu Linksys wireless router integrated, what configuration option allows the presence of the access point to meet customer Nearby * **SSID Broadcasting**
- 12) What two statements about a service set identifier (SSID) is the truth? (Choose two.) * **Indicates a WLAN device to which it belongs * All wireless devices on the same WLAN must have the same SSID**
- 13) Which two statements characterize wireless network security? (Choose two.) * **With SSID Broadcast Disabled, an attacker must know the SSID to connect. * Using the default IP address in an access point makes it easier piracy.**
- 14) What type of authentication uses a default access point? * **Open**
- 15) Which statement is true about open authentication when it is enabled on an access point? * **Does not require authentication**
- 16) What are two authentication methods that an access point could use? (Choose two.) * **EAP * pre-shared keys**
- 17) What is the difference between using open authentication and pre-shared keys? * **Pre-shared keys require a secret word encrypted. Open authentication does not require a secret word.**
- 18) What term describes the encoding of wireless data to prevent data from being read intercepted by a hacker? * **Encryption**
- 19) What access point feature allows a network administrator to define what data can enter the wireless network? * **Filter traffic**
- 20) What are the two WEP key lengths? (Choose two.) * **64bit * 128 bits**
- 21) Complete the following sentence: WEP is used to _____, and _____ EAP is used for wireless networks.
* **Encrypt; authenticate users**