

# Latest Version: 6.0

## Question: 1

How many non-overlapping 20 MHz channels are available in the 5 GHz frequency band assuming the regulatory domain allows them all?

Response:

- A. 11
- B. 25
- C. 24
- D. 14

**Answer: C**

## Question: 2

What can occur when two copies of a signal wave arrive at the receiver at the same time, but 180 degrees out of phase with each other?

Response:

- A. Signal nulling or cancellation
- B. Bits may be added to the total count
- C. Increased signal strength
- D. Increased signal amplitude

**Answer: A**

## Question: 3

At what point is RF power typically stipulated in milliwatts?

Response:

- A. At the receiver
- B. Fifty feet from the transmitter
- C. At the transmitter
- D. One hundred feet from the transmitter

**Answer: C**

### Question: 4

What protocol is sometimes used to access a network or user directory by a RADIUS server instead of using an internal user database?

Response:

- A. DHCP
- B. NTP
- C. EAP
- D. LDAP

**Answer: D**

### Question: 5

When configuring an AP or controller, what is the collection of settings that define radio operations and the parameters for the BSS?

Response:

- A. WLAN profile
- B. LAN configuration
- C. Admin account credentials
- D. WAN configuration

**Answer: A**

### Question: 6

What best describes passive scanning used to locate WLANs?

Response:

- A. Listening for beacon frames from the APs
- B. Scanning in only on frequency band
- C. Sending probe requests and listening for probe responses
- D. Scanning on only one channel

**Answer: A**

### Question: 7

What kind of authentication is used by WPA2-Enterprise implementations?

Response:

- A. WEP
- B. Preshared key
- C. Passphrase
- D. 802.1X/EAP

**Answer: D**

### Question: 8

In what way are 802.11 channels defined?

Response:

- A. By a high frequency and channel width
- B. By channel width alone
- C. By a center frequency and channel width
- D. By a low frequency and channel width

**Answer: B**

### Question: 9

You are receiving reports from several users that their clients connect with very low data rates. All reports are confined to a particular area in the facility and the users report that the problem does not occur with the same devices in other areas. What is most likely problem in that area?

Response:

- A. High SNR
- B. Improper AP security configuration
- C. Poor signal strength
- D. Improper client security configuration

**Answer: C**

### Question: 10

You use 802.1X/EAP for all WLAN authentication in your network. You have several VoIP handsets that work well until they have to roam from one AP to another.

When they roam, calls are often dropped or call quality is significantly diminished. What is the most likely cause of this problem?

Response:

- A. Wrong passphrase entered on the VoIP handsets
- B. Non-implemented roaming features on the APs
- C. Wrong SSID used by the VoIP handsets
- D. Wrong certificate installed on the VoIP handsets

**Answer: B**