

# Free Questions for CWNA-108 by braindumpscollection

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### **Question 1**

**Question Type:** MultipleChoice

What best describes WPA2 in relation to 802.11 wireless networks?

#### **Options:**

- A- WPA2 is the standard that defines security for WLANs.
- B- WPA2 is a certification created by the Wi-Fi Alliance that validates devices correctly implement CCMP/ AES.
- C- WPA2 is the second version of WPA and it enhances security through the use of TKIP instead of WEP.
- D- WPA2 is specified in the 802.11 standard as implementing CCMP/AES.

#### **Answer:**

Α

## **Question 2**

**Question Type:** MultipleChoice

Which one of the following is not a factor considered when calculating the Link Budget for an outdoor point-to- point WLAN bridge link?											
Options:											
A- Operating frequency											
B- MU-MIMO capabilities of the bridges											
C- Receive antenna gain											
D- Transmit power											
Answer:											
B											

# **Question 3**

**Question Type:** MultipleChoice

What statement about the beamwidth of an RF antenna is true?

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- A- Horizontal and vertical beamwidth are calculated at the points where the main lobe decreases power by 3 dB.
- B- The beamwidth patterns on an antenna polar chart indicate the point at which the RF signal stops propagating.
- C- When antenna gain is lower, the beamwidth is also lower in both the horizontal and vertical dimensions.
- D- Vertical beamwidth is displayed (in degrees) on the antenna's Azimuth chart.

#### **Answer:**

Α

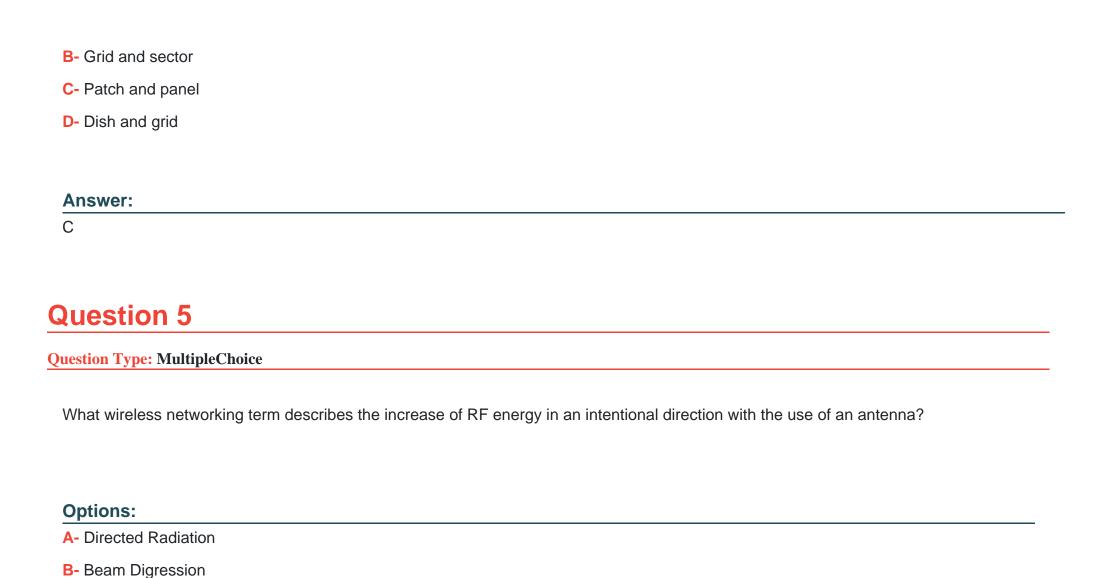
### **Question 4**

**Question Type:** MultipleChoice

Which directional antenna types are commonly used by indoor Wi-Fi devices in a MIMO multiple spatial stream implementation?

### **Options:**

A- Dipole and yagi



**C-** Passive Gain

**D-** Active Amplification

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С

# **Question 6**

#### **Question Type:** MultipleChoice

In a long-distance RF link, what statement about Fade Margin is true?

#### **Options:**

- A- A Fade Margin is unnecessary on a long-distance RF link if more than 80% of the first Fresnel zone is clear of obstructions.
- B- The Fade Margin is a measurement of signal loss through free space and is a function of frequency and distance.
- C- Fade Margin is an additional pad of signal strength designed into the RF system to compensate for unpredictable signal fading.
- D- The Fade Margin of a long-distance radio link should be equivalent to the receiver's low noise filter gain.

#### **Answer:**

С

# **Question 7**

#### **Question Type:** MultipleChoice

A WLAN transmitter that emits a 50 mW signal is connected to a cable with 3 dB loss. If the cable is connected to an antenna with 9dBi gain, what is the EIRP at the antenna element?

#### **Options:**

- **A-** 26 dBm
- **B-** 13 dBm
- **C-** 23 dBm
- **D-** 10 dBm

#### **Answer:**

С

# **Question 8**

**Question Type:** MultipleChoice

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### **Options:**

- A- Receiving station's radio sensitivity
- B- Receiving station's output power
- **C-** Transmitting station's output power
- **D-** Free Space Path Loss

#### **Answer:**

Α

# **Question 9**

**Question Type:** MultipleChoice

What can an impedance mismatch in the RF cables and connectors cause?

### **Options:**

- A- Increased range of the RF signal
- B- Fewer MCS values in the MCS table
- **C-** Increased amplitude of the RF signal
- **D-** Excessive VSWR

#### **Answer:**

D

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