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Vendor:CWNP

Exam Code:CWNA-108

Exam Name:Certified Wireless Network Administrator

Version:Demo

QUESTION 1

When antenna gain is reported in dBI, the gain of the antenna is compared to what theoretical antenna?

- A. Yagi
- B. Dipole
- C. Rubber ducky
- D. Isotropic radiator

Correct Answer: D

Reference https://en.wikipedia.org/wiki/Antenna_gain

QUESTION 2

Option 43 must be configured to allow access points to locate controllers. In what network service should this option be configured?

- A. DHCP
- B. LDAP
- C. DNS
- D. RADIUS

Correct Answer: A

Reference <https://www.cisco.com/c/en/us/support/docs/wireless-mobility/wireless-lan-wlan/97066-dhcp-option-43-00.html>

QUESTION 3

You are evaluating access points for use in the 5GHz frequency band. What PHY supports this band and supports 80 MHz channels?

- A. OFDM
- B. HT
- C. VHT
- D. ERP

Correct Answer: C

Reference <https://www.cwnp.com/802-11ac-vht-just-the-facts/>

QUESTION 4

When using a spectrum to look for non Wi-Fi interference sources, you notice significant interference across the entire 2.4 GHz band (not on a few select frequencies) within the desktop area of a users workspace, but the interference disappears quickly after just 2 meters. What is the most likely cause of this interference?

- A. USB 3 devices in the user's work area
- B. Bluetooth devices in the user's work area
- C. Excess RF energy from a nearby AP
- D. Unintentional radiation from the PC power supply

Correct Answer: D

https://www.reddit.com/r/electronics/comments/2i2s76/is_the_emf_of_a_pc_without_a_case_much_higher/?st=jdr0fxpmandsh=1a61beda

QUESTION 5

You recently purchased four laptops containing dual-band 802.11ac adapters. The laptops can connect to your 2.4 GHz network, but they cannot connect to the 5 GHz network. The laptops do not show the 5 GHz SSIDs, which are different than the 2.4 GHz SSIDs. Existing devices can connect to the 5 GHz SSIDs with no difficulty. What is the likely problem?

- A. Interference from non-Wi-Fi sources
- B. Faulty drivers
- C. DoS attack
- D. Interference from other WLANs

Correct Answer: D

QUESTION 6

In which plane of the three networking planes is an access point configured by a WLAN controlled?

- A. Control
- B. Management
- C. Security
- D. Data

Correct Answer: B

QUESTION 7

What cipher suite is specified by the 802.11-2016 standard and is not deprecated?

- A. Wired Equivalent Privacy
- B. Temporal Key Integrity Protocol
- C. Counter Mode with CBC-MAC Protocol
- D. Extensible Authentication Protocol

Correct Answer: C

QUESTION 8

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- A. Interference from non-Wi-Fi sources
- B. Faulty drivers
- C. DoS attack
- D. Interference from other WLANs

Correct Answer: D

QUESTION 9

You are evaluating a connection that states the data rate is 150 Mbps. What is the expected throughput of this connection?

- A. Less than 150 Mbps because of 802.11 overhead and contention
- B. 54 Mbps because that is the actual maximum throughput of an 802.11 connection
- C. More than 150 Mbps because of compression
- D. 150 Mbps because the data rate is equal to the throughput

Correct Answer: A

QUESTION 10

You are evaluating a connection that states the data rate is 150 Mbps. What is the expected throughput of this connection?

- A. Less than 150 Mbps because of 802.11 overhead and contention
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- D. 150 Mbps because the data rate is equal to the throughput

Correct Answer: A

QUESTION 11

What common feature of MDM solutions can be used to protect enterprise data on mobile devices?

- A. Over-the-air registration
- B. Onboarding
- C. Containerization
- D. Self-registration

Correct Answer: B

QUESTION 12

Return Loss is the decrease of forward energy in a system when some of the power is being reflected back toward the transmitter.

What will cause high return loss in an RF transmission system, including the radio, cables, connectors and antenna?

- A. The use of cables longer than one meter in the RF system
- B. High output power at the transmitter and use of a low-gain antenna
- C. A Voltage Standing Wave Ratio (VSWR) of 1:1
- D. An impedance mismatch between components in the RF system

Correct Answer: D