Question 1

What is the most suitable antenna option to be used when designing a WLAN infrastructure with APs mounted on a ceiling with a height of more than 20 feet and having all of the client stations used from the floor?

Options:

A- Patch

B- Dish

C- Grid

D- Low-gain dipole

Answer:

C

Question 2

When designing a static channel plan for an office using voice devices near an airport, which range of channels should be avoided to ensure optimal performance when implemented?

Options:

A- 36-40

B- 44-48

C- 116-124

D- 1-11

Answer:

C

Question 3

Question Type: **MultipleChoice**

Your customer's 802.11n laptops are not able to see the SSID in the 5 GHz band in the conference room. When doing a walkthrough using one of these laptops, you confirm that it is unable to see the SSID in the 5 GHz band in the conference room. When using your own 802.11 ac laptop, you're able to see the SSID. What is the most likely cause of this problem?

Options:

A- The AP is configured to use channel 36

B- The customer laptop does not support Transmit Beamforming

C- The AP is on channel 144

D- Their laptops are SISO clients

Answer:

B

Question 4

Question Type: MultipleChoice

After importing a floor plan to a predictive design tool, what should be done prior to adding APs, antennas and attenuators (e.g., walls)?

Options:

A- Set the transmit power for all APs

B- Add pictures of the environment

C- Nothing; just begin by adding APs, antenna and attenuators

D- Calibrate the floor plan to increase accuracy

Answer:

D

Question 5

You're about to deploy an Enterprise-class VoWLAN infrastructure. You need to ensure that QoS is properly configured throughout the network. What Access Category (AC) should voice frames/packets use?

Options:

A- AC_VI

B- AC_VO

C- AC_BE

D- AC_BK

Answer:

B

Question 6

Question Type: MultipleChoice

A customer is acquiring a new VoWLAN system to replace their existing wired phone system. When reading about his system's requirements, you learned that is requires 25 db of SNR to work as expected. After surveying the environment, you discovered that the noise floor is -88 dBm. What should be the minimum RSSI value to meet the system's requirements?

Options:

A- -70 dBm

B- -67 dBm

C- -65 dBm

D- -63 dBm

Answer:

B

Question 7

During an RFP analysis, one of the vendors mentioned that you'll need to upgrade your Gigabit Ethernet switches to MultiGig switches to ensure support for 802.11ac and 802.11ax, which both offer data rates over 1Gbps. Why is this not sound advice?

Options:

A- Because neither of the technologies support data rates over 1Gbps

B- Because 802.11ax doesn't support channel bonding

C- Management overhead that is normal in WLANs will reduce the throughput of the client devices

D- Because 802.11ac only supports one spatial stream

Answer:

C

Question 8

Question Type: MultipleChoice

You and 10 other people are connected to a public hotspot. You issue a ping sweep on the network, but you can't find any devices on the same subnet as yours. What feature might be enabled on the WLAN infrastructure that is preventing you from communicating with other devices on that subnet?

Options:

A- Peer-to-peer blocking

B- OSPF external routes

C- Band steering

D- Load balancing

Answer:

A

Question 9

An engineering firm just upgraded their WLAN form nine 802.11n APS to nine 802.11ac APs. After this upgrade, they did not see any improvement in throughput. What is the most likely cause of this result?

Options:

A- APs are transmitting at a low transmit power

B- The clients were not upgraded

C- APs are mounted on the wall

D- The APs are still using the 5 GHz lower band

Answer:

A