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Question 1

A company is in the process of relocating to a new force space and ends out that the Internet circuit will not be ready before the move. The new building has a non-Cisco WLAN to which they can connect. The engineer has a 12-port switch and one Cisco autonomous AP and must connect multiple wired devices. Which additional device is needed to get all clients connected over the workgroup bridge?

Options:

A- router

B- transparent firewall

C- hub

D- wireless controller

Answer:

A

Question 2

Question Type: **MultipleChoice**

When a wireless network is designed for location services, how many APs must be heard by each location-ready AP at a signal level of -75 dBm or better?

Options:

A- three APs

B- no more than three APs

C- two APs

D- at least four APs

Answer:

A

Question 3

Question Type: **MultipleChoice**

An engineer in a branch office that does not have a wired backhaul must ensure that local clients can be switched locally and authenticated centrally. In which mode must the AP be configured?

Options:

A- RAP

B- Flex+Bridge

C- MAP

D- Cisco FlexConnect

Answer:

B

Question 4

Question Type: **MultipleChoice**

Refer to the exhibit.

Name Prefix	AP_
Add APs	Automatic ▾
AP Type	AP 3600I ▾
Enable 11n Support	☐
802.11a/n/ac Antenna	Internal-3600-5GHz
802.11b/g/n Antenna	Internal-3600-2.4GHz
Protocol	802.11a/n/ac
Throughput (MB/s)	802.11a/n/ac 10-12
	802.11b/g/n 5

Services: ☑ Advanced Options

☐ Data/Coverage
  Safety Margin Aggressive ▾

☐ Voice
  Safety Margin Aggressive ▾

☐ Location

☐ Location with Monitor Mode APs

☐ Demand

☐ Overrride Coverage Per AP
  Per AP Area 0 (sq feet)

Total Coverage Area 43525 (sq feet)

Calculate

A customer is deploying a Greenfield 802.11n network with data, voice, and location awareness using APs with the WSSI modules. Which two settings in the Cisco Prime Infrastructure Planning Tool, when selected, provide a more accurate prediction of the number of APs the customer must purchase for the new facility? (Choose two.)

Options:

A- Override Coverage per AP

B- Voice

C- Data/Coverage

D- Location with Monitor Mode APs

E- Location

Answer:

A, C

Question 5

Question Type: MultipleChoice

An engineer is designing a network deployment for a technology company. The company has four buildings with access points that must provide seamless wireless coverage and client roaming. The customer data center must have two WLCs and the core switches for the network. Which type of wireless architecture must be used?

Options:

A- cloud

B- centralized

C- autonomous

D- distributed

Answer:

B

Question 6

Question Type: **MultipleChoice**

A customer has a Cisco wireless network that supports VoWLAN services. The customer wants supported voice clients to receive roaming recommendations and suggestions from APs. This functionality must not impact non-VoWLAN clients. What should be enabled

on the

VoWLAN SSID?

Options:

A- 802.11r Fast Transition

B- 802.11k neighbor lists

C- CCKM with 802.1X

D- 802.11v BSS Transition Management

Answer:

D

Question 7

Question Type: MultipleChoice

A hospital wireless environment was designed with these characteristics:

* RF coverage

* better than -67 dBm in the 5 GHz spectrum

* RRM be used for DCA and TPC in the 2.4 GHz band

* RRM be used for DCA and TPC in the 5 GHz band

After deployment, why do many of the legacy 802.11b/g devices have difficulty maintaining connectivity?

Options:

A- Excessive co-channel interference in the 2.4 GHz band exists.

B- Excessive overlapping channels in the 2.4 GHz band exists.

C- TPC drastically increases Tx power in the 2.4 GHz band.

D- TPC drastically reduces Tx power in the 2.4 GHz band.

Answer:

D

Question 8

Question Type: MultipleChoice

A network engineer is retorting an existing building wired with Category 5e with Cisco Aironet 3800 Series APs and mGig switches. Which cable length allows for 5G operation?

Options:

A- 70 m

B- 120 m

C- 130 m

D- 150 m

Answer:

A

Question 9

Question Type: **MultipleChoice**

A customer with two Cisco 5520 WLCs that work as a primary and secondary had some switching issues and the primary controller lost

connectivity. Immediately all APs went to discovery and joined the secondary controller. After recovering from the issue, the primary controller is online, but no APs return to it. All APs remain in the secondary controller. Which setting advises the APs to return to their primary

controller?

Options:

A- AP fallback

B- AP multicast mode

C- AP heartbeat timeout

D- broadcast forwarding

Answer:

A

Question 10

Question Type: **MultipleChoice**

A customer uses a Cisco 5520 WLC that is connected via a single 10-GB interface to manage the wireless network. The wireless network

includes 500 APs for the campus network. The customer wants to add 300 APs and is concerned about traffic load and lack of redundancy. The purchase of a second controller is not an option. Which design approach mitigates the customer concerns?

Options:

A- Connect a second 10-GB interface on the WLC and set the port as a secondary port.

B- Connect a second 10-GB interface on the WLC and implement LAG.

C- Implement a vWLC and configure SSO with the WLC.

D- Implement a vWLC and configure N+1 redundancy with the WLC.

Answer:

B

Question 11

Question Type: MultipleChoice

Based on a wireless network design, an engineer configured a primary and secondary controller for their APs. A power interruption caused the primary Cisco WLC to go down, and, as expected, all APs joined the secondary controller. When the primary controller came back up, all the

APs remained joined to the secondary controller. Which approach must the engineer take for the APs to move back to the primary?

Options:

A- Set AP Fail over Priority to 4 on each AP.

B- Set AP Fallback to Enabled on the secondary controller.

C- Set AP Fallback to Enabled on the primary controller.

D- Set AP Fail over Priority to Critical globally.

Answer:

C