Question 1

A company is upgrading the wireless infrastructure and is in a state of transition. Some parts of the company's building still run on the legacy WLC. The new WLC is not located at the same site as the legacy WLC. The company requires seamless client inter-controller roaming between the new WLC and the legacy WLC, with no disruptions. Both WLCs are separated by firewalls. Which troubleshooting command validates that the mobility control packets between the WLCs can be sent and received?

Options:

A- mapping mobility_peer IP address

B- debug mobility handoff enable

C- debug mobility cong enable

D- mapping mobility_peer_management IP address

Answer:

A

Question 2

A 60,000-square foot outdoor area must be surveyed. The survey must be completed in the least amount of time. Which tool or equipment is used when performing the site survey?

Options:

A- additional access points that use sniffer mode

B- site survey tool that has modules in sniffer mode

C- additional access points that use GPS mode

D- site survey tool that has a GPS module

Answer:

D

Question 3

Question Type: **MultipleChoice**

An engineer must design and configure a wireless network for:

* pervasive coverage in an oil terminal

* casual web and email traffic

* 5 GHz

What is the best design?

Options:

A- Keep the power assignment as auto and disable 802.11n and 802.11ac MCS rate.

B- Disable all data rates below 24 Mbps and keep the power assignment on the AP as auto.

C- Keep all the data rates enabled and set the AP power assignment mode to auto.

D- Disable all data rates below 54 Mbps and assign static power level 1 on all access points.

Answer:

C

Question 4

Question Type: MultipleChoice

A network engineer must design a new wireless solution for a company, but the budget can only stretch to include a single Cisco 9800-40

WLC. The company requires high availability between the WLC and the core switch in the event of a cable failure. The WLC must dynamically manage port redundancy and perform load balancing between APs transparently. Which design approach must the engineer take to meet the requirements?

Options:

A- LAG

B- Multi-LAG

C- LACP

D- PAgP

Answer:

A

Question 5

Question Type: **MultipleChoice**

A customer has a Wi-Fi network that is designed to support video over Wi-Fi. The Wi-Fi network has good coverage; however, video multicast traffic is unreliable. Video multicast traffic is reliable on the wired portion of the network. Which performance value indicates an issue with the Wi-Fi multicast traffic?

Options:

A- jitter

B- packet error rate

C- throughput

D- latency

Answer:

C

Question 6

Question Type: **MultipleChoice**

An engineer is implementing a wireless design for a service provider. The design includes a Catalyst 9800, a stack of two Catalyst 9300X-

48HX switches, and 9166 APs. Each AP must be named using the Floor-439412509-01X sting where X is the area number. The engineer wants

to connect the APs to the switch stack using POE. How many APs must the engineer connect to the stack so the APs run using full functionalities?

Options:

A- all ports on switch 2 of the stack

B- all ports on switch 1 of the stack

C- all ports of the switches

D- half ports per switch

Answer:

C