QUESTION 52
A wireless deployment in a high-density environment is being used by vendors to process credit card payment transactions via handheld mobile scanners. The scanners are having problems roaming between access points in the environment.
Which feature on the wireless controller should have been incorporated in the design?

A. RX SOP
B. 802.11w
C. AP Heartbeat Timeout
D. Application Visibility Control

Answer: A

QUESTION 53
A university is in the process of designing a wireless network in an auditorium that seats 500 students and supports student laptops.
Which design methodology should the university implement in the auditorium?

A. roaming design model
B. voice design model
C. location design model
D. high-density design model

Answer: B

QUESTION 54
An engineer must gather requirements for an upcoming wireless design in a manufacturing facility. Which requirement causes concerns for the customer?

A. lossless roaming capability
B. email connectivity
C. high throughput multimedia applications
D. intermittent web traffic

Answer: A

QUESTION 55
An engineer must design a wireless voice network and is auditing the existing configuration.
Which two actions must be taken? (Choose two.)

A. Enable Platinum QoS profile on the SSID

B. Disable Coverage Hole Detection.
C. Ensure the switch ports trust DSCP QoS markings
D. Disable WMM on the QoS tab
E. Ensure that Client Load Balancing is enabled.

Answer: AC

QUESTION 56
A network has two Cisco WLCs and two Layer 3 gigabit Ethernet switches. The customer requires two gigabit connections from each Cisco WLC to each of the switches that have copper RJ-45 gigabit ports. What two additional hardware are needed to connect the Cisco WLCs to the network? (Choose two.)

A. Four straight-through Ethernet cables
B. Layer 3 switching module in each of the Cisco WLCs
C. Four copper SFPs must be added to the kit list
D. Two console cables
E. Four rollover Ethernet cables

Answer: AC

QUESTION 57
A company wants to replace its existing PBX system with a new VoIP System that will include wireless IP phones. The CIO has concerns about whether the company's existing wireless network can support the new system.
Which tool in Cisco Prime can help ensure that the current network will support the new phone system?

A. Location Readiness
B. Site Calibration
C. Map Editor
D. Voice Readiness

Answer: D

QUESTION 58
A rapidly expanding company has tasked their network engineer with wirelessly connecting a new cubicle area with Cisco workgroup bridges until the wired network is complete. Each of 42 new users has a computer and VoIP phone. How many APs for workgroup bridging must be ordered to keep cost at a minimum while connecting all devices?

A. 4
B. 5
C. 6
D. 7

Answer: A

QUESTION 59
Which statement about the 9800 Series Wireless Controller mobility tunnel on a Cisco Catalyst 9800 controller is true?

A. It is an IPsec tunnel with control path only.
B. It is a CAPWAP tunnel with data path only.
C. It is a CAPWAP tunnel with control path and data path.
D. It is an IPsec tunnel with control path and data path.

Answer: B

QUESTION 60

An engineer has successfully configured high availability and SSO using two Cisco 5508 Wireless LAN Controllers. The engineer can access the Active Primary WLC, but the Secondary Standby WLC is not accessible. Which two methods allow access to the standby unit? (Choose two.)

A. via the console connection
B. SSH to the redundancy management interface of the primary WLC
C. SSH to the service port interface
D. SSH to the virtual interface of the secondary WLC
E. SSH to the management interface of the primary WLC

Answer: AC

QUESTION 61
As part of a wireless site survey in a hospital, an engineer needs to identify potential Layer 1 interferers.
In which two areas is the engineer most likely to find sources of 2.4 GHz and 5 GHz RF noise? (Choose two.)

A. magnetic resonance imaging
B. kitchen
C. Gamma Knife radiation treatment
D. X-ray radiography
E. patient room

Answer: BE

QUESTION 62
What is the recommended cell overlap when designing a wireless network for Cisco Hyperlocation?

A. 20%
B. 30%
C. 40%
D. 50%

Answer: A

QUESTION 63
An engineer must create data-link redundancy for the company's Cisco Wireless LAN Controller. The engineer has decided to configure LAG-based redundancy instead of port-based redundancy. Which three features of LAG-based redundancy influenced this decision? (Choose three.)

A. Packets are always sent out on the same port they are received on.
B. All interface traffic passes as long as one port is up.
C. The same port has multiple untagged dynamics interfaces.
D. Interface connection to two separate nonstacked switches is available.
E. Full bandwidth of all links is available.
F. Ports are grouped into multiple LAGs.

Answer: ABF