QUESTION 151
Which design is the recommended geometric design for routed topologies?

A. linear
B. triangular
C. rectangular
D. circular

Correct Answer: B

QUESTION 152
Your company uses OSPF for internal routing. The company will be connected to VendorA via a single dedicated link and to VendorB via redundant dedicated links. Both vendors also use OSPF for internal routing. Which of the following deployments describes the best intra-domain routing practice in this situation?

A. Connect your company to both VendorA and VendorB using existing OSPF.
B. Redistribute the routes on each link between your company and the vendors to a shared EIGRP routing protocol.
C. Use IBGP to reach VendorA and EBGP to reach VendorB.
D. Use static routes to reach VendorA and EBGP to reach VendorB.
E. Use static routes to reach both VendorA and VendorB.

Correct Answer: D

QUESTION 153
What is the VLAN subnet that can handle 60 hosts?

A. /21
B. /24
C. /25
D. /26

Correct Answer: D

QUESTION 154
Which statement correctly describes queuing in environments supporting teleworkers?

A. CQ is for time-sensitive protocols.
B. Queuing occurs on the outbound interface.
C. Priority queuing guarantees some level of service to all traffic.
D. Hardware queues are configured for appropriate PQ, CQ, or WFQ.
E. WFQ is the Cisco IOS default on all WAN links regardless of speed.

Correct Answer: B

QUESTION 155

What is the primary consideration when choosing a routed network design over a traditional campus network design?

A. Layer 3 service support at the network edge
B. the routing protocol choice: open (OSPF) or proprietary (EIGRP)
C. the routing abilities of the host devices
D. the need to control the broadcast domains within the campus core

Correct Answer: A

QUESTION 156
When is the Cisco FlexConnect design model recommended?

A. when remote-site APs are centrally managed
B. when each remote site has its own wireless controller
C. when each remote site runs VSS
D. when the remote sites use WAN optimization

Correct Answer: A

QUESTION 157
An organization needs to implement isolated logical structure due to compliance regulations. What complex access control network virtualization method can it use?

A. The IT organization creates a quarantine network for end points that do not meet the posture assessment requirements
B. The IT organization creates a separate guest network for wireless and wired clients
C. The IT organization acts as a client serving different, isolated departments

Correct Answer: A

QUESTION 158
Which option is a benefit of Cisco Discovery Protocol?

A. provides information about directly connected Cisco devices
B. provides greater detail about collected data, including time stamping
C. part of the IEEE 802 1ab standard
D. combines with the network layer data that is gathered by NetFlow when using a NetFlow collector

Correct Answer: A
Explanation:
Cisco Discovery Protocol (formerly known as CDP) is a Layer 2, media-independent, and network-independent protocol that runs on Cisco devices and enables networking applications to learn about directly connected devices nearby. This protocol facilitates the management of Cisco devices by discovering these devices, determining how they are configured, and allowing systems using different network-layer protocols to learn about each other.

QUESTION 159
Which three options are characteristics of data center evolution? (Choose three.)

A.   consolidation
B.   virtualization
C.   automation
D.   standardization
E.   optimization
F.   modulation

Correct Answer: ABC

QUESTION 160
Which statement describes an advantage of the Layer 2 access model over the Layer 3 access model in the data center?

A.   It supports NIC teaming.
B.   It removes STP dependency.
C.   It increases scalability.
D.   It improves convergence time.

Correct Answer: A

QUESTION 161
Which two processes are included in the Build phase of the Cisco Design Lifecycle? (Choose two.)

A.   Assessment
B.   Analysis
C.   Design
D.   Validation
E.   Deployment

Correct Answer: DE

QUESTION 162
A network engineer requires that an OSPF ASBR must only flood external LSAs only within its own area. What OSPF area type should be configured?

A.   Backbone Area
B.   Totally Stub Area
C.   Not So Stubby Area
D.   Stub Area

Correct Answer: C

QUESTION 163
At which layer of the network should you perform traffic filtering and Qos classification?

A. session
B. distribution
C. application
D. core

Correct Answer: C

QUESTION 164
Under which phase of the Cisco Design Lifecycle would you evaluate the network infrastructure for its adherence to best polices and corporate policies?

A. In the Validation stage of the Build phase
B. In the Deployment stage of the Build phase
C. In the Assessment stage of the Plane phase
D. In the Optimize stage of the Mange phase

Correct Answer: A

QUESTION 165
Which three series of Cisco wireless controllers support wireless Bidirectional Rate Limiting? (Choose three.)

A. Cisco 2500 Series Wireless Controllers
B. Cisco 5500 Series Wireless Controllers
C. Cisco 5700 Series Wireless Controllers
D. Cisco 7500 Series Wireless Controllers
E. Cisco 8500 Series Wireless Controllers
F. Cisco 7200 Series Wireless Controllers

Correct Answer: BDE

QUESTION 166
What are the three modes of unicast reverse path forwarding? (Choose three.)

A. strict
B. loose
C. VRF
D. global
E. PIM
F. local

Correct Answer: ABC

QUESTION 167
Which technology allows remote networks to be connected via site-to-site tunnels?

A. IPsec VPN

B. AnyConnect VPN
C. SSL VPN
D. EasyConnect VPN

Correct Answer: A

QUESTION 168
Which mode is used to exclusively look for unauthorized access points?

A. monitor mode
B. sniffer mode
C. rogue detector mode
D. local mode

Correct Answer: C

QUESTION 169
Which DHCP option do you need to configure to ensure that an LWAP can communicate with the Cisco WLC in a different subnet?

A. 7
B. 19
C. 43
D. 150

Correct Answer: C

QUESTION 170
Which mode is used to exclusively look for unauthorized access points?

A. monitor mode
B. sniffer mode
C. rogue detector mode
D. local mode

Correct Answer: C

QUESTION 171
What design feature should be considered when accessing resources from a remote data center over a WAN connection?

A. security
B. bandwidth
C. reliability
D. management
Correct Answer: B

QUESTION 172
Refer to the exhibit. The organization is migrating away from FHRP. VSS has been implemented