Exam Code: 642-062
Exam Name: Routing and Switching Solutions for System Engineers
Vendor: CISCO
Version: DEMO
Part: A

1: Which two of these are features of the Cisco 2851 Integrated Services Router, but not features of Cisco 1800 Series Integrated Services Routers? (Choose two.)
A. 32-Gbps switching bus
B. built-in wireless module
C. Cisco SDM for simplified management
D. two integrated 10/100/1000 Ethernet ports
E. Power over Ethernet support for 10/100 Ethernet ports
F. slots dedicated to Cisco High-Density Analog and Digital Extension Module for Voice and Fax
Correct Answers: D F

2: Which two of these features can be managed by the Cisco SDM application? (Choose two.)
A. VoIP
B. HSRP
C. IPsec VPN
D. QoS policy
E. PoE power consumption
Correct Answers: C D

3: Your network includes a Cisco Catalyst 6500 Switch with an FWSM module. You need Layer 2 connectivity between two routers located on different firewall interfaces. Which feature will you need in order to provide this connectivity?
A. router mode
B. virtual firewall
C. stateful firewall
D. transparent mode
E. two FWSM modules in failover mode
Correct Answers: D

4: Which supervisor module can be used in the Cisco Catalyst 4510R chassis? Select the best response.
A. Supervisor II-Plus
B. Supervisor IV
C. Supervisor V-10GE
D. Supervisor II-TS
Correct Answers: C

5: Which two tools can you use to manage and configure a Cisco Catalyst Express 500 Series Switch? (Choose two.)
A. CLI
B. Cisco Network Assistant
C. Cisco Smartports Advisor
D. Device Manager with embedded GUI
Correct Answers: B D

6: Which security feature of a Cisco Catalyst 2960 Series Switch can be used to prevent clients from acquiring an IP address from unauthorized servers?
A. port security
B. 802.1X in conjunction with Cisco Secure ACS
C. DHCP snooping
D. MAC address notification
Correct Answers: C

7: Which two of these tasks are important when designing for high availability? (Choose two.)
A. selecting high-end devices
B. identifying single points of failures
C. improving performance to consequently increase availability
D. introducing redundancy to mitigate potential single points of failure
E. removing devices and features that introduce single points of failures
Correct Answers: B D

8: Which two of these protocols can be used to provide secure connectivity when connecting a branch office to the campus core? (Choose two.)
A. GRE
B. L2TP
C. IPsec
D. IP in IP
E. L2TP over IPsec
Correct Answers: C E

9: Which layer in a hierarchical network is considered optional in smaller campus networks?
A. access
B. distribution
C. core
D. remote
E. DMZ
F. aggregation
Correct Answers: C

10: Which of these spanning tree mechanisms can be used to ensure that access switches cannot become transit nodes in a spanning tree?
A. PortFast
B. UplinkFast
C. loop guard
D. root guard
E. BPDU guard
F. BPDU filter
Correct Answers: D

11: Which WAN type provides the most secure transport?
A. Frame Relay
B. Private WAN
C. Internet with SLA
D. IPsec over MPLS VPN
E. dial-up connection over a circuit-switched network
Correct Answers: D

12: During which phase is a proposal developed and delivered?
A. Prepare
B. Plan
C. Design
D. Operate
Correct Answers: A

13: Which of these correctly identifies the six phases of the Cisco Lifecycle Services framework?
A. Prepare, Plan, Create, Implement, Operate, and Improve
B. Prepare, Plan, Design, Implement, Operate, and Optimize
C. Prepare, Plan, Design, Apply, Operate, and Manage
D. Prepare, Plan, Design, Implement, Operate and Manage
Correct Answers: B

14: In which phase is a systems acceptance test plan developed and documented?
A. Implement
B. Design
C. Prepare
D. Operate
Correct Answers: B

15: In which service component of the optimize phase would you assess the routing and switching system and recommend activities such as optimizing device configurations, capacity planning, or traffic analysis?
A. Change Management
B. Security Assessment
C. Operations Assessment
D. Security Administration
E. Operations Readiness Assessment
F. Technology Assessment
Correct Answers: F