Exam Code: 642-053

Exam Name: Access Routing and LAN Switching Routing

and Switching SE/FE Exam

Vendor: CISCO

Version: DEMO

Part: A

1: Which three protocols can be used by the NAC solution to implement its functions? (Choose three.)
A.IKE
B.802.1x
C.RSA
D.EAP
E.RADIUS
F.WEP
Correct Answers: B D E

2: Which two features can SDM 2.0 configure? (Choose two.)
A.resource monitoring
B.PIM
C.QoS
D.SRST
E.MPLS VPNs
Correct Answers: A C

3: What is the purpose of the dialer-list command when configuring a router to initiate a dial-on-demand routing ISDN call?
A.It defines call destination parameters.
B.It defines what constitutes interesting traffic.
C.It provides for optional call parameters.
D.It assigns a dialer-group to an interface.
Correct Answers: B

4: Cisco's Long Reach Ethernet (LRE) is based on Ethernet over which type of DSL service?
A.ADSL
B.IDSL
C.HDSL
D.VDSL
Correct Answers: D

5: Which two commands assign multiple ISDN BRI interfaces to a single hunt group? (Choose two.)
A.dialer-group
B.multilink ppp
C.interface dialer
D.dialer hunt-group
E.dialer rotary-group
Correct Answers: C E

6: LCP is responsible for the negotiation of which function?

A.IP address

B.modulo size

C.error correction

D.frequency on the link

Correct Answers: C

7: Which type of IGMP message is sent when a network client wants to join a multicast group?

A.host membership query

B.host membership report

C.host membership status

D.host membership notification

Correct Answers: B

8: What are the two modes of operation for the EZ VPN Remote? (Choose two.)

A.Client mode with NAT/PAT

B.Client mode without NAT/PAT

C.Network Extension mode with PAT

D.Network Extension mode without PAT

Correct Answers: A D

9: Which parameter will be used to determine when to disconnect an idle established DDR call, when the line is needed to place a DDR call to a different destination?

A.The time specified by dialer idle-timeout.

B.The time specified by dialer fast-idle.

C.The value configured by dialer load-threshold.

D.The presence of interesting traffic designated for a different destination will force an immediate disconnect.

Correct Answers: B

10: Which Catalyst switch has modules tailored for VoIP?

A.2950

B.3550

C.4000

D.6500

Correct Answers: D

11: Which T1 controller command is used to configure the controller for ISDN PRI operation?

A.framing

B.linecode

C.pri-group

D.isdn switch-type

Correct Answers: C

12: Which QoS technique avoids the problems that occur when tail drop is used as the congestion avoidance mechanism on the router?

A.RSVP

B.WRED

C.CAR

D.CBWFQ

Correct Answers: B

13: You have used CRWS to set up an auto EZ VPN connection using Client mode with PAT. Which statement is true about the connection?

A.The connection uses the IP address of the outside interface to base the PAT address on and uses all other physical interface configurations.

B.The connection ignores the physical outside address and uses addresses from the server for the both the inside and the outside addresses.

C.The connection uses the IP address of the outside interface to base the PAT address on and uses server-supplied addresses for the inside interface and workstations.

D.The connection ignores the outside IP address and uses one supplied by the server, while the inside addresses are used from the physical DHCP configuration of the client router.

Correct Answers: D

14: What is the purpose of a CSU/DSU in a leased T1 WAN configuration?

A.It provides encryption and compression for the security of transmitted data.

B.It multiplexes individual 64K channels into a single circuit.

C.It channelizes the leased T1 line into multiple 64K circuits.

D.It provides signal timing for communications and interfaces to the digital transmission facility.

E.It converts the analog T1 signals into digital signals for the router interface.

Correct Answers: D

15: Which statement is true about the STP Path Cost on a particular port?

A.It is known only to the local switch where the port resides.

B.It can be modified to help determine Root Bridge selection.

C.Modifying it can cause TCN BPDU to be sent to the Root Bridge.

D.When increased, it can provide higher bandwidth to a connecting port.

Correct Answers: A

16: You have decided to change the IP address of the inside network on a Cisco 800 broadband router using CRWS to 192.168.5.0/24 with an IP address on the router's inside interface of 192.168.5.1/24. You have made NO manual changes to the configuration.What will the IP addressing look like on the router on the inside interface?

A.There will be one address on the inside interface of 192.168.5.1.

B.There will be a 10.x.x.x address on the inside interface as a primary and 192.168.5.1 will be secondary.

C.There will be the 192.168.5.1 address on the inside interface as a primary and a 10.x.x.x address as secondary.

D.There will be a 10.x.x.x address on the main inside interface and a sub-interface will have been created with the 192.168.5.1 address installed on it.

Correct Answers: B

17: A company has unique dial requirements for each branch site that communicates with a central site router. Which two commands permit multiple physical interfaces on a central router to be shared by multiple remote sites while retaining their unique site requirements? (Choose two.)

A.dialer pool

B.dialer-list

C.dialer-group

D.dialer hunt-group

E.dialer pool-member

Correct Answers: A E

18: Which three features are provided by the new ASIC in the Cisco Integrated Services Router platform? (Choose three.)

A.provides a nonblocking high-speed bus to each interface and slot on the router

B.processes any specific services

C.allows DSP resources to be shared between all interfaces

D.optimizes packet flow to and from CPU to improve efficiency

E.accelerates QoS and ACL processing

F.provides time of day and calendar used for validating certificates from a certificate authority

Correct Answers: A C D

19: Which technology allows a service provider to support overlapping customer VLAN IDs over transparent LAN services?

A.802.1q tunneling

B.ATM

C.SDH

D.IP+Optical

Correct Answers: A

20: The new AIM-VPN module for the Cisco Integrated Services Router provides how many times better performance than the previous AIM-VPN modules?

A.2

B.4

C.10

D.15

E.20

Correct Answers: C