Vendor: Cisco

Exam Code:350-020

Exam Name:CCIE SP Optical Qualification

Version: Demo

QUESTION 1

In SDH the function of the K1-K2 bytes is to:

A. Specify the level of synchronization of the signal

B. Provide a 64kbit/s voice channel for communication between multiplexers

C. Provide multiplexer section error monitoring using bit interleaved parity

D. Provide automatic protection switching signaling between two MSTEs

Correct Answer: D

QUESTION 2

In Frame Relay, the BECN bit is set by:

A. The Frame Relay network, to inform the DTE receiving the frame that congestion was experienced in the path from source to destination

B. The Frame Relay network, in frames traveling in the opposite direction from those frames that encountered congestion

C. The receiving DTE, to inform the Frame Relay network that it is overloaded and that the switch should throttle back

D. The sending DTE, to inform the Frame Relay network that it is overloaded and that the switch should throttle back

E. Any device that uses an extended DLCI address

Correct Answer: B

QUESTION 3

What feature of the spatial reuse protocol used in DPT allows for bandwidth reuse on the ring?

A. Fairness algorithm

B. Token controlled access

C. Packet destination stripping

D. Automatic topology discovery

E. Multicast origination stripping

Correct Answer: C

QUESTION 4

ITU-T G.692 standard makes what recommendation?

A. Optical Interfaces for Multi-channel Systems with Optical Amplifiers

B. Characteristics of a Dispersion-Shifted Single-Mode Fiber

C. Characteristics of Optical Fiber Amplifier Devices

D. Transmission characteristics of Passive Optical Components
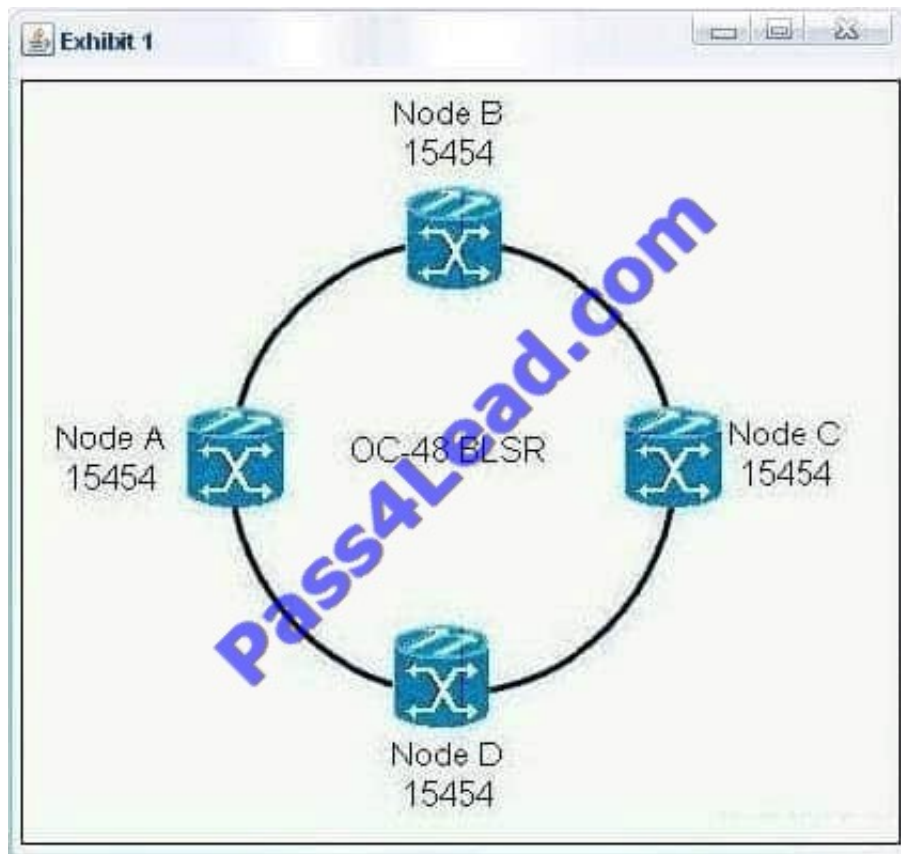
Correct Answer: A

QUESTION 5

Which statements are true regarding port channeling?

A. A loss of one port in the channel will not cause FSPF (Fabric Shortest Path First) protocol to re- converge, therefore no fabric disruption will occur.

B. Port Channeling has no master port and does not fail the whole channel on a loss of one port in the channel.

C. a master port is defined to allow that port to determine which path a frame should take through the channel.

D. Cisco\\'s port channel feature allows only 4 ports to be aggregated per line card.

Correct Answer: AB

QUESTION 6

The network shown supports Synchronous Status Messaging (SSM), which byte supplied by the ADM at Site B in both directions in the section overhead is used for transporting SSM messages?

A. S1

B. ji

C. K2

D. Z1

E. None of the above

Correct Answer: E

QUESTION 7

Below are four \'out\' access-lists, configured on an interface. What list will block an IP packet with source address 144.23.67.94, destination address 197.55.34.254, destination TCP port 23 from leaving the router?

A. access-list 100 deny ip tcp 144.23.67.0 0.0.0.7 eq telnet 197.55.34.240 0.0.0.15 eq . telnet access-list 100 permit ip any any

B. access-list 100 deny tcp 144.23.67.94 0.0.0.7 any eq telnet access-list 100 permit ip any any

C. access-list 100 deny tcp 144.23.67.86 0.0.0.7 eq telnet 197.55.34.240 0.0.0.15 access-list 100 permit ip any any

D. access-list 100 deny ip 144.23.67.94 0.0.0.7 host 144.23.67.94 access-list 100 permit ip any any

Correct Answer: B

QUESTION 8

OSPF is defined on a Frame Relay interface providing point-to-multipoint connections. The remote neighbors can reach this central site, but are complaining of routing failures between each of the remote sites. The central router has all the routes for each remote site. Based on this information, what can be diagnosed as the biggest potential problem?

A. An over-subscribed Frame Relay switch will cause some packet loss.

B. There are problems in the use of OSPF Authentication.

C. There is an incorrect selection of the Designated Router.

D. There is an incorrect DLCI assigned on a point-to-point sub-interface.

Correct Answer: C

QUESTION 9

How many bytes are dedicated to the Path Overhead in an STS-3 Frame?

A. 3

B. 6

C. 9

D. 18

E. 24

Correct Answer: C

QUESTION 10

To set the SONET overhead bytes in the frame header to meet a specific standards requirement or to ensure interoperability with another vendor\\'s equipment, use what configuration command line?

A. pos flag in the global

B. pos flag in the interface

C. pos flaG. type in the global

D. pos flaG. type in the interface

Correct Answer: B

QUESTION 11

How much Transport Overhead is contained in a SONET STS-1 frame (excluding VT overhead)?

A. 1.728 Mb/s

B. 51.84 Mb/s

C. 8.0 Mb/s

D. 50.112 Mb/s

Correct Answer: A

QUESTION 12

Which three are types of payloads carried by path signal label byte C2?

A. 0x16 scrambled POS

B. 0x13 ATM

C. 0x13 unscrambled POS

D. 0xCF scrambled POS

E. 0xCF unscrambled POS

Correct Answer: ABE

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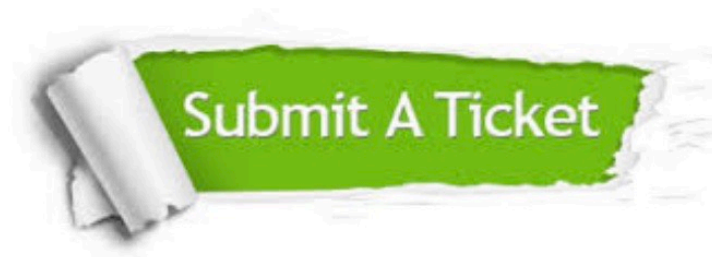
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