



**Cisco**

**350-020**

*CCIE SP Optical Qualification*

**Question: 387**

Where is the administrative unit pointer found in the STM-1 signal in SDH?

- A. Path Overhead
- B. Regenerator Section Overhead
- C. Multiplexer Section Overhead
- D. Line overhead

**Answer: C**

**Question: 388**

What is the correct relative switching priority in a BLSR ring (higher to lower)?

- A. Protection Lockout, Manual Switch, Forced Switch
- B. Forced Switch, Manual Switch, Signal Degrade
- C. Signal Fail, Signal Degrade, Manual Switch
- D. Protection Lockout, Manual Switch, Path AIS
- E. Signal Degrade, Signal Fail, Manual Switch

**Answer: C**

**Question: 389**

Which two operational states can PVCs be in? (multiple answer)

- A. Data transfer
- B. Idle
- C. Down
- D. Shut

**Answer: A,B**

**Question: 390**

What Q.931 message cannot be received in response to sending a Q.931 SETUP message?

- A. Alerting
- B. Call Proceeding
- C. Connect
- D. USER Information
- E. Progress

**Answer: D**

**Question: 391**

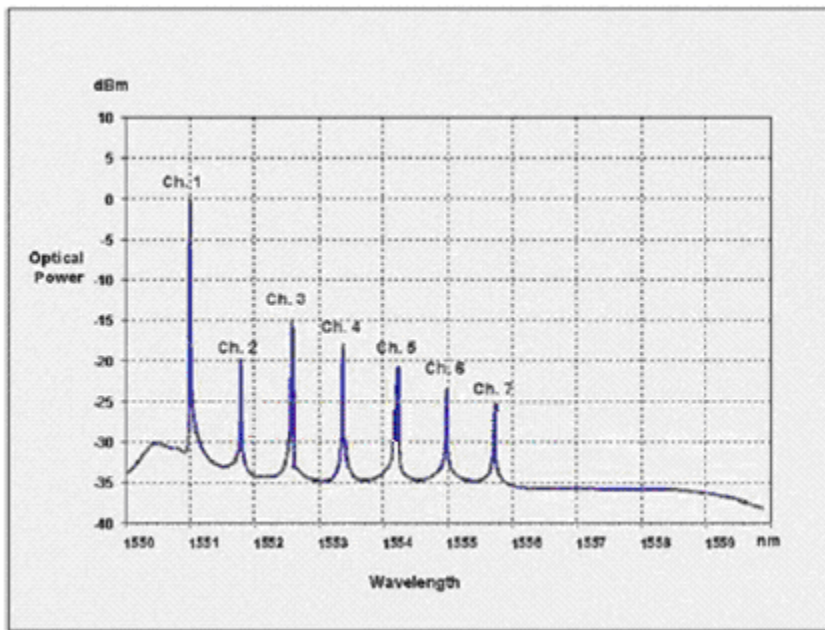
What is NOT a key differentiator that Cisco offers to customers with the MDS that our competitors cannot?

- A. VSANs
- B. FCC
- C. QoS
- D. Port channeling
- E. HSRP

**Answer: E**

**Question: 392**

## Exhibit:



The graph represents optical signal power versus wavelength measurement from 1550nm to 1560nm. The spectral characteristic in the 1558nm to 1559nm range is commonly known as:

- A. Noise floor
- B. High dispersion region
- C. Passband
- D. Gain band
- E. Attenuation band

**Answer: A**

### Question: 393

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

**Answer : B**

### Question: 394

What is RPF?

- A. Reverse Path Forwarding
- B. Reverse Path Flooding
- C. Router Protocol Filter

- D. Routing Protocol File
- E. None of the above

**Answer: A**

**Question: 395**

MPLS does not support:

- A. Multicast
- B. OSPF
- C. BGP
- D. Multicast and OSPF

**Answer: A**

**Question: 396**

What statement about DCC tunneling in the ONS 15454 is true?

- A. Only the first STS frame in any OC-n signal is used for tunneling.
- B. For security reasons, the 15454 randomly assigns an STS frame from within any OC-n signal to be used for tunneling.
- C. A different STS frame is used on each section of the ring, to prevent overlap or conflict on the protection path.
- D. Only the last STS frame in any OC-n signal is used for tunneling (this feature is also used as a bit rate indicator).

**Answer : A**

**Question: 397**

What is the transmission limitation on a single 1550 nm signal, at OC-192 bit-rate, over certified SMF-28 fiber using no dispersion compensation?

- A. Four-wave mixing
- B. Polarization-mode dispersion
- C. Chromatic dispersion
- D. Attenuation

**Answer: C**

**Question: 398**

A router is receiving updates for a subnet from different routing protocols. The administrator wishes to take advantage of a path via a route with a less favorable Administrative Distance.

What can be done to effect this without losing any of the updates?

- A. Configure a static route with an Administrative Distance of 120
- B. Use the Router Configuration mode command distance with an appropriate 'weight' for this subnet
- C. Create a distribute-list to block this subnet
- D. Modify the default-metric weight of the routing protocol offering the more favorable Administrative Distance

**Answer: B**

**Question: 399**

Calculate the gain of an amplifier if 1 watt is applied to the input and 2 watts is measured at the output:

- A. 0.5 dB
- B. 1 dB
- C. 2 dB
- D. 3 dB
- E. 4 dB

**Answer: D**

**Question: 400**

**Exhibit:**

The graph represents optical signal power versus wavelength measurement from 1550nm to 1560nm.

What is the approximate spacing between channels?

- A. 0.4nm
- B. 0.8nm
- C. 1.6nm
- D. 3.2nm
- E. 1.0nm

**Answer: B**

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