

Cisco

500-205

SP Optical Technology Systems Engineer Representative

QUESTION: 44

Where does line card software run on the NCS 4016 and 4009 platforms?

- A. on the line card
- B. on the route processor
- C. on the fabric
- D. on an external server

Answer: B

QUESTION: 45

Which technology does the Cisco CPAK use to achieve its low power and small size?

- A. indium phosphide
- B. CMOS photonics
- C. gallium arsenide
- D. erbium-doped fiber

Answer: B

QUESTION: 46

Wavelength Switched Optical Network brings knowledge of which two features to GMPLS? (Choose two.)

- A. channel impairments
- B. packet interface utilization
- C. interface requirements
- D. power consumption

Answer: A, C

QUESTION: 47

nV Optical Satellite allows the DWDM transponder to be managed by which method?

- A. IOS-XR command line of the connected router
- B. Cisco Transport Controller
- C. virtual transponder
- D. nLight Control Plane

Answer: A

QUESTION: 48

Which two options are the two primary features of nLight Control Plane? (Choose two.)

- A. constraint-based routing
- B. segment routing
- C. DWDM troubleshooting
- D. multilayer restoration

Answer: A, D

QUESTION: 49

Which technology allows optical transport management to gain visibility into an IP-over-DWDM interface residing in a router?

- A. GMPLS-UNI
- B. TL1
- C. virtual transponder
- D. network functions virtualization

Answer: C

QUESTION: 50

Which technology can different network layers use to communicate with one another while maintaining organizational segmentation?

- A. WSON
- B. MPLS-TP
- C. GMPLS-UNI
- D. segment routing

Answer: C

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