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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