Vendor: Cisco

Exam Code: 500-205

Exam Name: SP Optical Technology Systems Engineer Representative

Version: DEMO

QUESTION 1
Which option describes the purpose of the USB ports on the external connection unit of the NCS 2006?

A. to charge a USB powered device
B. to load software via a thumb drive
C. inventory and monitoring of passive optical devices
D. multishelf management

Answer: C

QUESTION 2
How many shelves can be combined into a single network element with Cisco NCS 2000 multishelf management?

A. 50
B. 30
C. 25
D. 10

Answer: A

QUESTION 3
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 4
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: AC

QUESTION 5
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 6
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: AD

QUESTION 7
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 8
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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