



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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