



500-205^{Q&As}

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QUESTION 1

Which two options are modes of operation of the 2-port CFP line card? (Choose two.)

- A. 2 x 100G muxponder into 200G line card
- B. two 40G transponders
- C. 2 x 40G muxponder client into one 100G line card
- D. two 100G clients into two 100G WDM line cards

Correct Answer: CD

QUESTION 2

Into which three areas can network convergence be categorized? (Choose three.)

- A. operational convergence
- B. packet convergence
- C. functional convergence
- D. logical convergence
- E. system convergence
- F. optical convergence

Correct Answer: ACD

QUESTION 3

Which three options are chassis variations of the NCS 4000 family? (Choose three.)

- A. NCS 4016
- B. NCS 4006
- C. NCS 4009
- D. NCS 4001
- E. NCS 4022
- F. NCS 5016



Correct Answer: ACD

QUESTION 4

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

Correct Answer: A

QUESTION 5

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

Correct Answer: C

QUESTION 6

Which two technologies are examples of Cisco IP+Optical innovation? (Choose two.)

- A. hybrid Raman amplification
- B. proactive protection
- C. segment routing
- D. IP-over-DWDM
- E. dispersion compensation



Correct Answer: BD

QUESTION 7

Which three options are types of OTN line cards for the NCS 4000? (Choose three.)

- A. 2-port 100G
- B. 5-port 40G
- C. 20-port 10G
- D. 24-port low speed
- E. 40-port 10G
- F. 4-port 100G

Correct Answer: ACD

QUESTION 8

What is the most important benefit of EDRA amplifiers?

- A. ultra low noise
- B. compact form factor
- C. chassis integration
- D. low cost

Correct Answer: A

QUESTION 9

Which three components does the single module ROADM combine into a single slot line card? (Choose three.)

- A. reconfigurable optical add/drop multiplexer
- B. optical spectrum analyzer
- C. coherent transceiver
- D. erbium-doped fiber amplifier



- E. Raman amplifier
- F. dispersion compensation

Correct Answer: ABD

QUESTION 10

Which family of components for wavelength add/drop does the single module ROADM and 80- channel wavelength cross connect use?

- A. NCS 4000
- B. NCS 2002
- C. 15216 passive multiplexers
- D. 15600 passive multiplexers

Correct Answer: C

QUESTION 11

In which environment does Cisco Transport Controller run?

- A. client / server
- B. PC-based application
- C. mainframe
- D. on-demand browser-based Java application

Correct Answer: D

QUESTION 12

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

Correct Answer: AC

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