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SP Optical Technology Field Engineer Representative

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QUESTION 1

Which type of fiber connector does CXP optics use?

A. 8-fiber MPO

B. LC

C. SC

D. 24-fiber MPO

Correct Answer: D Question Set 1

QUESTION 2

How many ports does the 16-WXC-FS have for add/drop and degree expansion?

A. 18

B. 22

C. 8

D. 16

E. 2

Correct Answer: D

QUESTION 3

In which three configurations can NCS 2000 100G line cards be used? (Choose three.)

A. muxponder trunk

B. 10G transponder

C. 100G regenerator

D. 40G transponder

E. 200G transponder

F. 100G transponder

Correct Answer: ACF

QUESTION 4

What does the Functional View show in Cisco Transport Controller?

A. power levels of each wavelength

B. slot assignments of line cards in the chassis

C. fiber interconnections between cards and nodes

D. wavelength routing through the network

Correct Answer: C

QUESTION 5

The 10G Wire Speed Encryption line card encrypts the payload of which protocol?

A. Ethernet

B. OTN

C. IP

D. SONET/SDH

Correct Answer: B

QUESTION 6

How many 50 GHz channels does the 16-WXC-FS support on each port?

A. 96

B. 88

C. 80

D. 40

Correct Answer: A

QUESTION 7

In Cisco Transport Planner, which report do you reference to determine which wavelengths are used in which portions of the network?

A. Traffic Matrix

B. Link Availability

C. Wavelength Routing

D. Internal Connections

Correct Answer: C

QUESTION 8

Which two options are two modes of operation in 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 9

In an NCS 2006 multishelf configuration, what is the name of the shelf that holds the node configuration?

A. primary shelf

B. master shelf

C. subtended shelf

D. node controller shelf

Correct Answer: D

QUESTION 10

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

A. 50

B. 30

C. 25

D. 10

Correct Answer: A

QUESTION 11

Refer to the exhibit.

Which action does the selected Cisco Transport Controller option allow the user to perform?

A. Create a new point-to-point demand.

B. Create a new fiber duct.

C. Add a node.

D. Analyze the network.

Correct Answer: A

QUESTION 12

What does setup do with passive units?

A. They are skipped.

B. It returns an error.

C. It inserts a placeholder in the rack diagram.

D. It prompts the user for more information.

Correct Answer: C Question Set 1

QUESTION 13

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. load software via a thumb drive

C. inventory and monitoring of passive optical devices

D. multishelf management

Correct Answer: C

QUESTION 14

Which type of architecture employs nLight ROADM?

A. broadcast and select

B. drop and continue

C. route and select

D. pass through and drop

Correct Answer: C

QUESTION 15

Which three types of 100G client pluggable optics are supported on the NCS 2000? (Choose three.)

A. CXP

B. GBIC

C. CPAK

D. CFP

E. XFP

F. SFP

Correct Answer: ACD

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