

500-210^{Q&As}

SP Optical Technology Field Engineer Representative

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QUESTION 1

Which environment does Cisco Transport Controller run in?

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

Correct Answer: D

QUESTION 2

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 3

Which feature enables the output Cisco Transport Planner to directly provision an NCS 2000 network element?

- A. easy setup
- B. automatic node setup
- C. software defined networking
- D. autoprovisioning

Correct Answer: B

QUESTION 4

Which two options are the two modes of operation for the 10 port SFP+ line card? (Choose two.)

- A. 10 x 10G muxponder client for 100G line card
- B. wire speed encryption
- C. 5 x 10G transponder
- D. dispersion compensation

Correct Answer: AC

QUESTION 5

Which action does the MF-4x4-COFS module perform on the signals entering its add/drop ports?

- A. cross connects to specific COM-TX ports
- B. broadcasts to all COM-TX ports
- C. demultiplexes the individual wavelengths
- D. multiplexes the individual wavelengths

Correct Answer: B

QUESTION 6

Which color represents a circuit that passes all design criteria in the Cisco Transport Planner Optical Results report?

- A. red
- B. green
- C. yellow
- D. magenta

Correct Answer: B

QUESTION 7

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 8

Besides the controller cards, in which other location is the NCS 2006 database stored?

- A. LCD unit
- B. Fan tray
- C. Power supplies
- D. Chassis

Correct Answer: A

QUESTION 9

Between which types of endpoint are optical channel client connections made?

- A. wavelength add/drop ports
- B. transponder client ports
- C. transponder trunk ports
- D. optical service channel ports

Correct Answer: D

QUESTION 10

In which three modes can NCS 2000 100G line cards operate? (Choose three.)

- A. transponder
- B. amplifier
- C. trunk using a separate client card
- D. regenerator
- E. encryptor

F. dispersion compensator

Correct Answer: ACD

QUESTION 11

Which two methods can be used to start Cisco Transport Controller? (Choose two.)

- A. web browser
- B. Telnet
- C. StartCTC application
- D. FTP

Correct Answer: AC

QUESTION 12

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 13

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 14

In Cisco Transport Controller, which type of user can provision all settings on the Wire Speed Encryption card?

- A. transport super user
- B. security super user
- C. security user
- D. transport user

Correct Answer: B

QUESTION 15

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

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