

# Cisco

## Exam Questions 100-490

Supporting Cisco Routing & Switching Network Devices



#### NEW QUESTION 1

What are two components of a WAN connection? (Choose two.)

- A. CSU/DSU
- B. router
- C. bridge
- D. hub
- E. switch

**Answer:** AB

#### NEW QUESTION 2

Which device is a DTE device?

- A. CSU/DSU
- B. router
- C. cable modem
- D. DSL modem

**Answer:** B

#### NEW QUESTION 3

What are two standard fiber-optic connectors? (Choose two.)

- A. Lucent
- B. rollover
- C. subscriber
- D. multidimension
- E. crossover

**Answer:** AC

#### NEW QUESTION 4

Which two features are associated with single-mode fiber-optic cable? (Choose two.)

- A. consists of a single strand of glass fiber
- B. has higher attenuation than multimode fiber
- C. carries a higher bandwidth than multimode fiber
- D. costs less than multimode fiber
- E. operates over less distance than multimode fiber

**Answer:** AC

#### NEW QUESTION 5

Which two statements about a SmartJack are true? (Choose two.)

- A. It provides signal conversion.
- B. It acts as a concentration point for dial-in and dial-out connections.
- C. It operates at Layer 2 of the OSI model.
- D. It provides channel testing.
- E. It regenerates the signal to compensate for signal degradation from line transmission.

**Answer:** AE

#### NEW QUESTION 6

The colored wires at one end of a cable are in reverse sequence to the colored wires at the other end of the cable. Which cable does this configuration describe?

- A. rolled
- B. crossover
- C. coaxial
- D. straight-through

**Answer:** B

#### NEW QUESTION 7

The pins on an RJ-45 cable plug are numbered from 1 through 8. When the metal pins of the plug are facing toward you, pin 1 is the leftmost pin. Which two sets of pins are looped on an RJ-45 56K loopback plug? (Choose two.)

- A. pins 2 and 7 B.pins 2 and 8
- B. pins 2 and 5 D.pins 1 and 7
- C. pins 1 and 4

**Answer:** CE

**NEW QUESTION 8**

How many pairs of copper wire does a UTP cable have?

- A. 2
- B. 3
- C. 4
- D. 5

**Answer:** C

**NEW QUESTION 9**

Which type of memory stores the configuration of a router or switch by default?

- A. RAM
- B. ROM
- C. NVRAM
- D. flash

**Answer:** A

**NEW QUESTION 10**

Which two commands identify the serial number of a Cisco router? (Choose two.)

- A. show run
- B. show inventory
- C. show environment
- D. show version
- E. show archive

**Answer:** BD

**NEW QUESTION 10**

Which bits represent the boot field in the configuration register value?

- A. highest two bits
- B. lowest two bits
- C. highest four bits
- D. lowest four bits

**Answer:** D

**NEW QUESTION 13**

Which command sends an echo request packet to the target host and then waits for an echo response message?

- A. echo
- B. access
- C. ping
- D. connect

**Answer:** C

**NEW QUESTION 18**

Which two pieces of information about a neighboring device are displayed when you use the CLI command show cdp neighbor? (Choose two.)

- A. platform
- B. uptime
- C. device ID
- D. Cisco IOS Software version
- E. IP address

**Answer:** AC

**NEW QUESTION 23**

At the interface configuration prompt, which command returns you to the main configuration prompt?

- A. end
- B. clear
- C. quit
- D. exit

**Answer:** D

**NEW QUESTION 28**

Which type of Cisco console cable is used to connect a laptop to the console port on a Cisco router?

- A. straight-through
- B. fiber
- C. crossover
- D. rollover

**Answer: D**

**NEW QUESTION 31**

Which command initiates the copying of a Cisco IOS image to a Cisco device?

- A. copy tftp nvram
- B. copy tftp flash
- C. copy flash tftp
- D. copy xmodem flash

**Answer: B**

**NEW QUESTION 36**

What are two purposes of a USB thumb drive? (Choose two.)

- A. to save the system log
- B. to copy configuration files to and from a PC
- C. to save router hardware information
- D. to copy IOS images to and from a PC
- E. to increase system memory size

**Answer: BD**

**NEW QUESTION 37**

Which router port is used for dial-in access to the router for CLI management purposes and does not usually pass normal network traffic?

- A. Fast Ethernet
- B. channelized serial
- C. AUX
- D. Gigabit Ethernet

**Answer: C**

**NEW QUESTION 41**

Which type of port is used to connect a laptop to an Ethernet port on a Cisco router?

- A. rollover
- B. fiber
- C. straight-through
- D. crossover

**Answer: C**

**NEW QUESTION 43**

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