**Vendor:**Cisco

**Exam Code:**100-490

**Exam Name:**Supporting Cisco Routing & Switching
Network Devices

**Version:**Demo

**QUESTION 1**

When you deploy Cisco Catalyst 3850 Series switches, which two modes of operation can you choose from?

A. Active mode and Standby mode

B. Install mode and Bundle mode

C. Boot mode and Run mode

D. Exec mode and User mode

Correct Answer: B

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**QUESTION 2**

Which Cisco CPAK 100GBASE module supports Multimode Fiber cable?

A. Cisco CPAK-100G-CWDM4

B. Cisco CPAK-100G-LR4

C. Cisco CPAK-100G-ER4L

D. Cisco CPAK-100G-SR4

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/products/collateral/interfaces-modules/transceiver-modules/data_sheet_c78-728110.html

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**QUESTION 3**

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

A. CSU/DSU

B. router

C. bridge

D. hub

E. switch

Correct Answer: AB

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**QUESTION 4**

Which command displays information about the carrier network, cell site, and available service?

A. show cellular unit network

B. show cellular unit radio

C. show cellular unit hardware

D. show cellular unit profile

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Verticals/EE/IG-WAN/EE-WAN-IG/EE-WANIGch2.html

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## QUESTION 5

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

A. end

B. clear
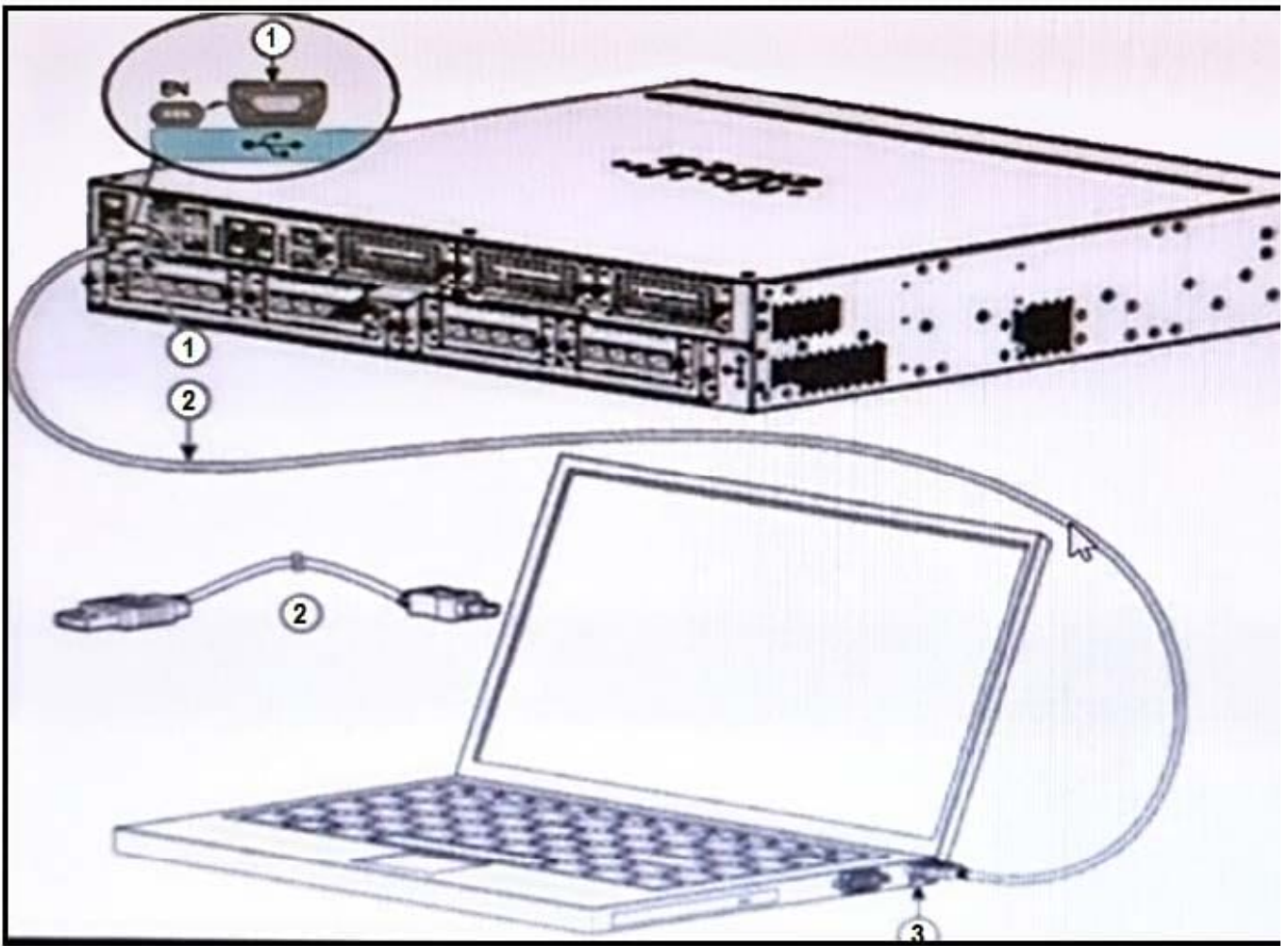
C. quit

D. exit

Correct Answer: D

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## QUESTION 6

Which command provides detailed information about the components that are installed on a router, such as the model, PID, and serial number?

A. show chassis

B. show items

C. show inventory

D. show router

Correct Answer: C

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## QUESTION 7

Refer to the exhibit. Which two statements about the hardware components are true? (Choose two.)

A. 2 is an RJ-45 to USB Type A console cable.

B. 3 is a USB Type A port.

C. 3 is a USB 5-pin mini USB Type B port.

D. 1 is a USB Type A port.

E. 2 is a USB 5-pin mini USB Type B to USB Type A console cable.

Correct Answer: BE

Reference: https://www.cisco.com/c/en/us/td/docs/routers/access/2900/hardware/installation/guide/Hardware_Installation_Guide/Install_Connect.html

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**QUESTION 8**

Which type of transceiver module is used for 40 Gigabit Ethernet connectivity?

A. SFP+

B. GBIC

C. QSFP+

D. XFP

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/products/interfaces-modules/40-gigabit-modules/
index.html#:~:text=The%20Cisco%20QSFP%20BiDi%20transceiver,10%20Gigabit%20Ethernet%20fiber%
20infrastructure

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## QUESTION 9

Which command initiates the transfer of a Cisco IOS image over IP from ROMMON?

A. Xmodem

B. copy tftp: flash:

C. copy flash: tftp:

D. tftpdnld

Correct Answer: D

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## QUESTION 10

An Ethernet interface is up and the line protocol is down. What are two possible causes? (Choose two.)

A. There is a speed or duplex mismatch with the remote device.

B. There is a Layer 2 mismatch in the encapsulation type.

C. The Ethernet interface has been manually disabled.

D. Keepalives are not being received by the local device.

E. The Ethernet cable might not be attached properly.

Correct Answer: AB

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## QUESTION 11

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

Correct Answer: D

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**QUESTION 12**

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 that multimode fiber

C. carries a higher bandwidth that multimode fiber

D. costs less than multimode fiber

E. operates over less distance than multimode fiber

Correct Answer: AC