

## IT Test - Networking

### Question: 1

The following command was issued on a router: `ip route 172.16.3.0 255.255.255.0 192.168.2.4`  
What effect will it cause?

- A. Establishment of a static route to 172.16.3.0
- B. Configures the router to send any traffic towards an unknown destination to 172.16.3.0
- C. Forwards traffic from 172.16.3.0 network to 192.168.2.4
- D. None of the above

Answer: \_\_\_\_\_

### Question: 2

A packet comes in on a CISCO router from one of the interfaces which implements an inbound access list. The packet however would be dropped based on the access rule. When would this take place?

- A. Before the packet arrives
- B. Before the packet is routed to an outbound interface.
- C. After the packet is routed to the decided outbound interface.
- D. After being routed to an outbound interface but before being placed in the outbound queue for that interface.
- E. Any of the above

Answer: \_\_\_\_\_

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### Question: 3

Which of the following commands can enable debug output to a remote location?

- A. No logging console
- B. Show logging | redirect flashio.txt
- C. Terminal monitor
- D. Logging host ip-address
- E. All of the above

Answer: \_\_\_\_\_

### Question: 4

On a Frame Relay network, EIR = 110% of CIR. The CIR has been exceeded. What will happen?

- A. All TCP traffic is dropped
- B. All UDP traffic is marked as Discard eligible
- C. All TCP traffic is marked as Discard eligible
- D. All traffic exceeding the CIR is marked as Discard Eligible
- E. All traffic exceeding the EIR is marked as Discard Eligible

Answer: \_\_\_\_\_

### Question: 5

Which of the following is false about RSTP?

- A. Blocking, discarding, learning and forwarding are the four new states in RSTP
- B. RSTP is backward compatible with STP
- C. RSTP reports physical link failures faster than STP
- D. There are a total of 5 roles for nodes in RSTP

Answer: \_\_\_\_\_

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### Question: 6

Which of the following command will enable CDP (Cisco Discovery Protocol) globally on the router and show information about other Cisco devices connected directly to the router?

- A. cdp enable
- B. cdp show
- C. cdp -es
- D. cdp run

Answer: \_\_\_\_\_

### Question: 7

After an EtherChannel is configured between two Cisco switches, interface port channel 1 is in the down/down state. Switch A is configured with channel-group 1 mode active, while Switch B is configured with channel-group 1 mode desirable. Why is the EtherChannel bundle not working?

- A. The switches are using mismatched EtherChannel negotiation modes.
- B. The switch ports are not configured in trunking mode.
- C. LACP priority must be configured on both switches.
- D. The channel group identifier must be different for Switch A and Switch B.

Answer: \_\_\_\_\_

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### Question: 8

Which of the following layers in the OSI reference model is responsible for testing the program availability for the program which has to receive the information?

- A. Network Layer
- B. Transport Layer
- C. Session Layer
- D. Presentation layer
- E. Application Layer

Answer: \_\_\_\_\_

### Question: 9

A network engineer notices inconsistent Cisco Discovery Protocol neighbors according to the diagram that is provided. The engineer notices only a single neighbor that uses Cisco Discovery Protocol, but it has several routing neighbor relationships. What would cause the output to show only the single neighbor?

- A. The routers are connected via a Layer 2 switch.
- B. IP routing is disabled on neighboring devices.
- C. Cisco Express Forwarding is enabled locally.
- D. Cisco Discovery Protocol advertisements are inconsistent between the local and remote devices.

Answer: \_\_\_\_\_

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### Question: 10

A network engineer wants to add a new switch to an existing switch stack. Which configuration must be added to the new switch before it can be added to the switch stack?

- A. No configuration must be added.
- B. stack ID
- C. IP address
- D. VLAN information
- E. VTP information

Answer: \_\_\_\_\_

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