DBCLOUD
EXAMS

QUESTIONS & ANSWERS

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Technology Provider: Huawei

Exam: HCIA-Access V2.5

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Question #1 Topic 1

In the Simple Network Management Protocol (SNMP) structure, the Agent is an agent process running on a managed device. After a managed device receives a request from the NMS, the Agent responds to the request. The Agent collects device status information, operates managed devices by executing commands on the NMS, and reports alarms to the NMS.

A. True

B. False

Correct Answer: B

Question #2 Topic 1

The GPON technology is integrated with the ( ) to provide terminal devices that meet various application scenarios.

A. xDSL

B. Ethernet

C. WLAN

D. VoIP technology

Correct Answer: B

Question #3 Topic 1

Which of the following protocols works at the transport layer and is connectionless-oriented?

A. IP

B. ARP

C. UDP

D. TCP

Correct Answer: C

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Question #4 Topic 1

Which of the following statements about IP routes are correct?

A. In a LAN, a route consists of the following parts: IP address and MAC address

B. IP routes are used to guide IP packet forwarding

C. Routing is a concept at the second layer of the OSI model

D. Any route must contain the following information: source address, destination address, and next hop.

Correct Answer: B

Question #5 Topic 1

The routing table of a router contains the following two entries:

Destination/Mast	protocol	pre	Cost	Nexthop	Interface
9.0.0.0/8	OSPF	10	50	1.1.1.1	Serial0
9.1.0.0/16	RIP	100	5	2.2.2.2	Ethernet0

If the router needs to forward packets with the destination address of 9.1.4.5, which of the following statements is correct?

A. The router selects the first route, because the priority of the OSPF is higher

B. The router selects the second route, because this route matches the destination address 9.1.4.5 more accurately.

C. The router selects the second route, because the metric of RIP is smaller.

D. The router selects the second route, because the outbound interface is Enthernet0, which is faster than Serial0.

Correct Answer: B

Question #6 Topic 1

On an Ethernet network, ARP packets are classified into ARP Request packets and ARP Response packets. In the initial communication phase, how are ARP Request packets transmitted on the network?

A. Anycast

B. Unicast

C. Multicast

D. Broadcast

Correct Answer: D

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