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# Nokia

4A0-C01 Exam

Nokia NRS II Composite Exam

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DEMO  
VERSION (LIMITED CONTENT)

Questions  
& Answers

# Version: 6.1

Topic 1, Exam Set A

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## Question: 1

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When a router receives an IP packet, but does not find a match in the routing table for the destination IP address, what actions are performed by the router?

- A. The packet is flooded out all router interfaces.
- B. The packet is dropped and an ICMP unreachable message is sent back to the source.
- C. The packet is silently discarded.
- D. The packet is flooded out all interfaces and an ICMP unreachable message is sent.

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**Answer: B**

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Explanation:

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## Question: 2

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Which of the following statements regarding distance vectors protocols are true?  
(Choose two answers).

- A. RIPv1, RIPv2, and BGP are distance vector protocols.
- B. OSPF and IS-IS are distance vector protocols.
- C. Routing tables are exchanged between neighbors; however, no routing table is transmitted beyond the immediate neighbor.
- D. Distance vector protocols use the Dijkstra SPF algorithm.
- E. Routers that participate in distance vector routing protocols maintain full knowledge of distant routers and how they interconnect

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**Answer: A, C**

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Explanation:

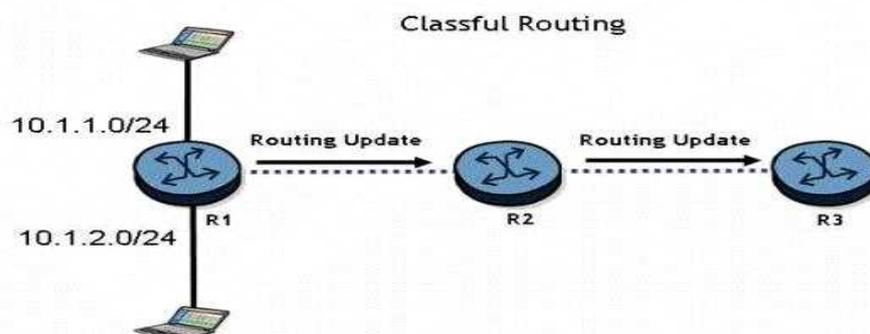
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## Question: 3

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Click the exhibit button.

**Exhibit 1.1.j**



Routers R1, R2, and R3 are running a classful routing protocol between them. Assuming that router R1 advertises all directly connected networks, how will these networks be represented in router R3's routing table?

- A. Router R3's routing table can only contain one of the routes, which will result in route flapping.
- B. Router R3's routing table will have one entry for 10.1.1.0/24 and one entry for 10.1.2.0/24.
- C. The networks will be represented with one entry of 10.0.0.0/8 in router R3's routing table.
- D. The networks will be represented with one entry of 10.0.0.0/24 in router R3's routing table.

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**Answer: C**

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Explanation:

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**Question: 4**

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In an IP datagram, which of the following fields identifies the receiving application?

- A. The protocol field of the transport layer header.
- B. The port field of the transport layer header.
- C. The protocol field of the network layer header.
- D. The port field of the network layer address.

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**Answer: B**

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Explanation:

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**Question: 5**

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Static routing will be used in a network between a corporate head office, with many connected networks, and a branch office, with one connection to the head office. Which of the following best describes the likely configuration?

- A. The corporate head office router will have a default route and the branch site will have a more

specific static route.

B. The corporate head office router and the branch office router will both have specific static routes.

C. The corporate head office router and the branch router will both have default routes.

D. The corporate head office router will have a more specific static route and the branch office router will have a default route.

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**Answer: D**

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Explanation:

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