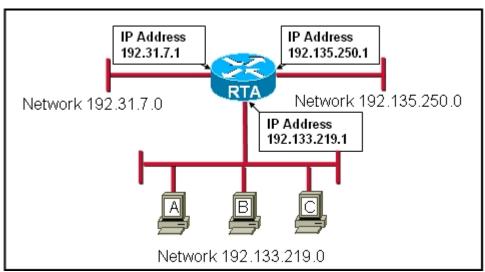
0	destination network address
	source network address
	source MAC address
	well known port destination address
14/6	ich two of the following statements accurately describe a default gateway? (Choose two.)
VVII	A default gateway is used when a host transfers data to another host on the same network segment.
	A default gateway is the IP address assigned to the near-side router interface.
	A default gateway is the IP address assigned to the near-side switch interface.
	A default gateway is used when a host transfers data to a host on another network segment.
_	<u> </u>
Wh	at information is added during encapsulation at OSI Layer 3? source and destination MAC
	source and destination application protocol
9	source and destination port number
0	source and destination IP address
_	connectionless system, which of the following is correct?
In a	The destination is contacted before a packet is sent. The destination is not contacted before a packet is sent.
0	The destination is contacted before a packet is sent. The destination is not contacted before a packet is sent. The destination sends an acknowledgement to the source that indicates the packet was received.
	The destination is contacted before a packet is sent. The destination is not contacted before a packet is sent.
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0 0 0	The destination is contacted before a packet is sent. The destination is not contacted before a packet is sent. The destination sends an acknowledgement to the source that indicates the packet was received. The destination sends an acknowledgement to the source that requests the next packet to be sent. ich statement below is talking about the network layer?
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Which portion of the network layer address does a router use to forward packets? host portion broadcast address network portion gateway address

8



Refer to the exhibit. Using the network in the exhibit, what would be the default gateway address for host A in the 192.133.219.0 network?

- 192.135.250.1
- 192.31.7.1
- 192.133.219.0
- 92.133.219.1

<u>9</u>

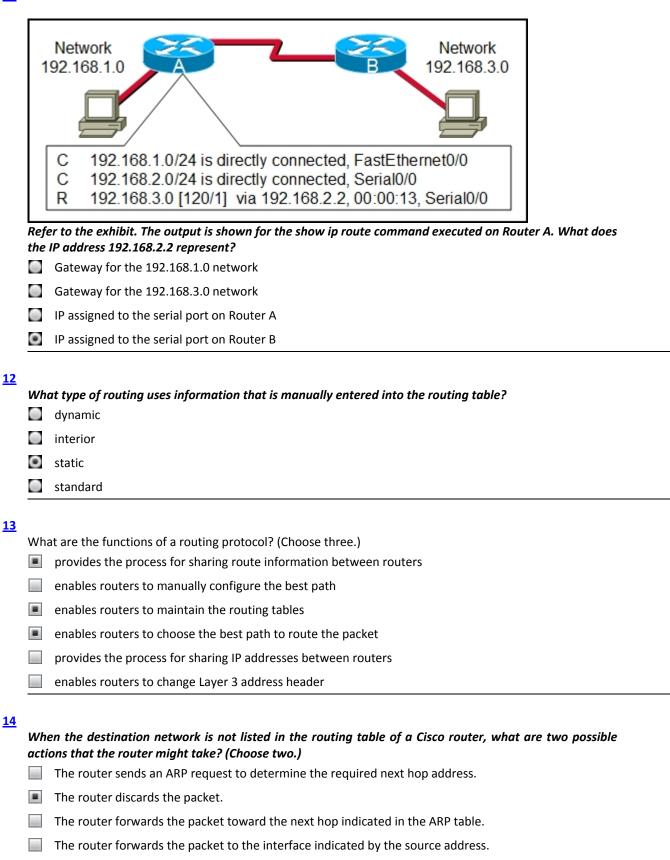
If the default gateway is configured incorrectly on the host, what is the impact on communications?

- The host is unable to communicate on the local network.
- The host can communicate with other hosts on the local network, but is unable to communicate with hosts on remote networks.
- The host can communicate with other hosts on remote networks, but is unable to communicate with hosts on the local network.
- There is no impact on communications.

<u>10</u>

What is the purpose of a default gateway?

- physically connects a computer to a network
- provides a permanent address to a computer
- identifies the network to which a computer is connected
- identifies the logical address of a networked computer and uniquely identifies it to the rest of the network
- identifies the device that allows local network computers to communicate with devices on other networks



The router forwards the packet out the interface indicated by the default route entry