

### Question 23

While troubleshooting a connectivity issue from a PC you obtain the following information:

Local PC IP address: 190.0.3.35/24

Default Gateway: 190.0.3.1

Remote Server: 190.0.5.250/24

You then conduct the following tests from the local PC:

Ping 127.0.0.1 - Unsuccessful

Ping 190.0.3.35 - Successful

Ping 190.0.3.1 - Unsuccessful

Ping 190.0.5.250 - Unsuccessful

What is the underlying cause of this problem?

- A. TCP/IP not correctly installed
- B. Local physical layer problem
- C. NIC not functioning
- D. Remote physical layer problem
- E. None of the above

**Answer: A**

### Question 24

**A company is migrating to an IPv6 addressing scheme. Identify the four valid IPv6 addresses below that could be used in this network. (Choose four)**

A. ::192:168:0:1

B. 2002:c0a8:101::42

C. 2000::

D. ::

E. 2001:3452:4952:2837::

F. 2003:dead:beef:4dad:23:46:bb:101

**Answer: A, B, D, F**