# Latest Version: 6.0

## Question: 1

Which of the following is not one of the layers in the OSI model?
Response:

A. Application
B. Transport
C. Internet
D. Presentation

**Answer: C**

## Question: 2

In a /24 subnet, which of the following is a valid broadcast address?
Response:

A. 200.11.11.1
B. 221.10.10.10
C. 245.20.30.254
D. 192.10.10.255

**Answer: D**

## Question: 3

 In order to capture traffic for analysis, Network Intrusion Detection Systems (NIDS) operate with network cards in what mode?
Response:
A. Discrete
B. Reporting
C. Promiscuous
D. Alert

**Answer: C**

## Question: 4

If you wanted to check a possible piece of malware against multiple anti-malware sources, where would you go?
Response:

A. Malwarebytes
B. VirusTotal
C. TotalVirus
D. MalwareAggregator

**Answer: B**

## Question: 5

If you need to use a tool to both gather disk-based evidence and generate a cryptographic hash, what would you be most likely to use?
Response:

A. dcfldd
B. dd
C. Memoryze
D. Fmem

**Answer: A**

## Question: 6

Users are encouraged to use a PIN of how many characters in order to better protect their Bluetooth communications?
Response:

A. 4
B. 8
C. 12
D. 16

**Answer: C**

## Question: 7

Many wireless technologies make use of one simple technology to prevent eavesdropping on the signal. What is it?
Response:

A. Strong antennas
B. Frequency hopping
C. Spectrum allocation
D. Cloaking devices

**Answer: B**

## Question: 8

With regard to defense-in-depth, which of the following statements about network design principles is correct?
Response:

A. A secure network design requires that systems that have access to the Internet should not be accessible from the Internet and that systems accessible from the Internet should not have access to the Internet.
B. A secure network design requires that networks utilize VLAN (Virtual LAN) implementations to insure that private and semi-public systems are unable to reach each other without going through a firewall.
C. A secure network design will seek to provide an effective administrative structure by providing a single choke-point for the network from which all security controls and restrictions will be enforced.
D. A secure network design will seek to separate resources by providing a security boundary between systems that have different network security requirements.

**Answer: D**

## Question: 9

During which of the following steps is the public/private key-pair generated for Public Key Infrastructure (PKI)?
Response:

A. Key Recovery
B. Initialization
C. Registration
D. Certification

**Answer: B**

## Question: 10

Your customer wants to make sure that only computers he has authorized can get on his Wi-Fi. What is the most appropriate security measure you can recommend?
Response:

A. A firewall
B. WPA encryption
C. WEP encryption
D. Mac filtering

**Answer: D**