.... is a method to choose X tunnels or remote login.

Select one:

- ○ a. SHA
- ● b. SSH
- ○ c. MAC
- ○ d. MD5

Server authentication requires clients to know host keys in advance during............

Select one:

- ○ a. SSL Handshake Protocol
- ○ b. TLS Record Protocol
- ○ c. SSL Record Protocol
- ● d. SSH Transport Layer Protocol

.........using to improve security and decrease the number of IP addresses an organization needs.

Select one:

○ a. VPN

◉ b. NAT

○ c. WLAN

○ d. IPSec

...........monitors all the outgoing traffic through its connection with the Internet service providers.

Select one:

○ a. Firewalls & Routing control mechanism

◉ b. Firewalls

○ c. Digital signatures

○ d. Routing control mechanism

A public website for a university, an example of........

Select one:

○ a. Low Confidentiality

○ b. High Availability

◉ c. Moderate Availability

○ d. Low Availability

..................is the study and practice of techniques for secure communication, which is performed in the presence of third party.

Select one:

- ⦿ a. Cryptography

- ◯ b. Sniffer

- ◯ c. Notarization

- ◯ d. Steganography

...........is a point where a system is susceptible to attack.

Select one:

- ⦿ a. Vulnerabilities

- ◯ b. Threat

- ◯ c. Countermeasures

- ◯ d. Attack

In which phase the virus places an identical copy of itself into other programs or into certain system areas on the disk?

Select one:

- ⦿ a. Propagation phase

- ◯ b. Triggering phase & Propagation phase

- ◯ c. Execution phase

- ◯ d. Triggering phase

...............is a cryptographic protocols designed to provide communications security over a computer network.

Select one:

○ a. Kerberos

○ b. SSL

● c. TLS

○ d. IPsec

A flaw or weakness in a system's design, implementation, or operation and management that could be exploited to violate the system's security policy.

Select one:

● a. Vulnerability

○ b. Risk

○ c. Countermeasures

○ d. Attack

Active attacks are easy to detect.

Select one:
- ⦿ True
- ◯ False

A bootstrap program is the first code that is executed when the
computer system is off.

Select one:
- ⦿ True
- ◯ False

............it may be trusted to enforce policy of trusted separation between the net
connections.

Select one:
- ◯ a. Host-Based Firewalls
- ⦿ b. Bastion Host Firewalls
- ◯ c. Personal Firewalls
- ◯ d. All the answers are true

The term hacker was originally for an individual who could not make computers work.

Select one:

○ True

● False

A hospital patient's allergy information, a doctor should be able to trust that the info is correct and current, an example of...........

Select one:

○   a. Moderate integrity data

●   b. High integrity data

○   c. High integrity data & Moderate confidentiality data

○   d. High confidentiality data

Executable files are run through Digital Immune System scanner which contains emulation control module to manage process.

Select one:

○ True

● False

Vulnerability is an event that could breach security and cause harm.

Select one:

○ True

● False

Hash message authentication code is created using algorithms like...........

Select one:
- ○ a. RC4-128 or Fortezza
- ○ b. All the answers are true
- ○ c. IDEA or AES
- ● d. MD5 or SHA-1

SSH User Authentication methods such as ....

Select one:
- ● a. host-based
- ○ b. direct-tcpip
- ○ c. host-based & direct-tcpip
- ○ d. session

Specific security mechanisms provide some of the security services such as......

Select one:
- ○ a. Trusted functionality
- ○ b. Security audit trails
- ○ c. All the answers are true
- ● d. Traffic padding

..............is a computer that is configured to capture all traffic on a network.

Select one:
- ○ a. Spoofing
- ○ b. Eavesdropping
- ○ c. Snooping
- ● d. Sniffer

Security service Include:

Select one:

○   a. All the answers are true

◉   b. Non-Repudiation

○   c. Accountability

○   d. Social engineering

In............... false information may be given or a real event or transaction may be denied

Select one:

○   a. Interception attack

○   b. Modification attack

○   c. DNS attack

◉   d. Repudiation attack