1. Read the text and answer the questions:

1. What are the main threats to the information stored in electronic form?

### Social Engineering Attacks

### Security Misconfiguration

### Shadow IT

### Ransomware

2. What are modern Internet safety techniques?

## Keep Personal Information Professional and Limited

## Keep Your Privacy Settings On

## Practice Safe Browsing

## Make Sure Your Internet Connection is Secure. Use a Secure VPN Connection

## Choose Strong Passwords

3. What harm is done by hackers? What is used to protect information from them?

## A

## Financial crimes.

## Vandalism.

## Hacktivism

## Corporate espionage.

### B

### Use a firewall.

### Install antivirus software.

### Install an anti-spyware package.

### Use complex passwords.

### Ignore spam.

4. What is the most important principle of both Internet and computer security?

* Confidentiality
* Integrity
* Availability

2. Read the text again and say whether these statements are true or false.

1. Attaching a computer to the Internet is as risky as storing information in computer files. (✅T)

2. Computer security can be improved through anti-virus protection, firewalls, and Internet safety techniques. (✅T)

3. Passwords and encryption are enough to protect information from hackers and viruses. (F)

4. Viruses perform destructive acts, such as erasing a hard drive. (✅T)

5. Users should always update their security techniques as well as be cautious when using the Internet. (✅T)

10 difficult words:

* Computer security also called cybersecurity is the protection of computer systems and information from harm, theft, and unauthorized use.
* Hacking refers to activities that seek to compromise digital devices, such as computers, smartphones, tablets, and even entire networks.
* A virus is a self-replicating program that produces its own copy by attaching itself to another program, computer boot sector, or document.
* Cyber threats are a big deal. Cyber attacks can cause electrical blackouts, failure of military equipment, and breaches of national security secrets
* a security breach is any incident that results in unauthorized access to computer data, applications, networks, or devices.
* An antivirus is a software program used to prevent, detect, and eliminate malware and viruses. It works for all types of devices, such as desktop computers, laptops, smartphones, and tablets.
* A Firewall is a network security device that monitors and filters incoming and outgoing network traffic based on an organization's previously established security policies.
* the best free encryption software tools you can use to keep your most valuable data safe and secure.
* Network Security protects your network and data from breaches, intrusions, and other threats.
* cyber security principles are grouped into: govern, protect, detect and respond.