Computer Viruses and Hacking

1. What is a computer virus?

a. A software program that performs a useful task

b. A piece of code that can replicate itself and spread to other computers

c. A hardware device that connects to the internet

d. A type of firewall protecting the system

2. Which of the following is a common method used by hackers to gain unauthorized access to a computer?

a. Installing antivirus software

b. Performing regular software updates

c. Sending links

d. Encrypting files

3. What is the primary purpose of a firewall?

a. To improve internet speed

b. To block unauthorized access to a network

c. To increase computer performance

d. To remove computer viruses

4. Which of the following is not a type of malware?

a. Trojan horse

b. Firewall

c. Worm

d. Spyware

5. What does the term "Hacking" refer to in the context of cybersecurity?

a. An authorized access to computer files without your permission

b. A type of virus

c. A technique to lure users into providing sensitive information

d. A process of removing malware from a system

6. Which software is specifically designed to detect and eliminate viruses from computers?

a. Word processor

b. Antivirus program

c. Internet browser

d. Operating system

7. What is the role of a hacker in cybersecurity?

a. To protect computer systems from cyber threats

b. To develop software applications

c. To test and exploit security vulnerabilities

d. To create hardware devices

8. Which of the following is the best practice to protect your computer from malware?

a. Downloading files from unknown sources

b. Using weak passwords

c. Regularly updating your software

d. Disabling antivirus programs

9. What is a Trojan horse in computing?

a. A legitimate software with hidden harmful features

b. A type of antivirus software

c. A network security tool

d. A method for speeding up internet connection

10. What are the effects of Hacking

a. Black Mail

b. Stealing your bank account

c. Identity Theft

d. All of the above

11. Which of the following is a sign that a computer might be infected with a virus?

a. Faster processing speed

b. Frequent crashes and slow performance

c. Improved internet connection

d. Increase in storage capacity

12. What can be used to protect against hackers?

a. Strong use of Passwords

b. Anti Virus

c. Anti Malware

d. Locking the room

13. Which of the following is an example of two-factor authentication?

a. Logging in with a username and password

b. Using a fingerprint scan along with a password

c. Accessing a computer without any credentials

d. Relying solely on a password manager