

# **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