

Chapter-5
Computer Data Security Risks

Section A: Fill in the Blanks

1. A computer virus is a program or piece of code that is loaded onto your computer without your _____ and runs against your wishes.
2. _____ is a type of virus that resides in the RAM of a system and can corrupt files and applications.
3. _____ is a type of malware that displays unwanted advertisements on a user's device.
4. _____ is the act of stealing or copying someone else's work and presenting it as your own.
5. _____ is a technique used to gain unauthorized access to a computer system or network.

Section B: True or False

1. A computer virus can only infect files with the extension .EXE. (True/False)
2. Plagiarism is only considered unethical if it is done intentionally. (True/False)
3. Ethical hackers are also known as White Hat Hackers. (True/False)
4. Cyberbullying can lead to emotional distress, including depression and anxiety. (True/False)
5. Phishing attacks are always carried out through email. (True/False)

Section D: Multiple Choice Questions

1. Which of the following is NOT a type of computer virus?
 - a) Resident virus
 - b) Macro virus
 - c) Firewall
 - d) Trojan horse
2. What is the primary purpose of a **firewall**?
 - a) To detect and remove viruses
 - b) To protect a system from unauthorized internet access
 - c) To encrypt data
 - d) To backup files
3. Which of the following is an example of **cyberbullying**?
 - a) Sending mean text messages
 - b) Sharing educational content
 - c) Using antivirus software
 - d) Encrypting emails
4. What is the main goal of **phishing**?
 - a) To spread viruses
 - b) To steal login credentials or account information
 - c) To display unwanted ads
 - d) To encrypt data
5. Which of the following is a preventive measure against **plagiarism**?
 - a) Using strong passwords
 - b) Citing sources properly
 - c) Installing antivirus software
 - d) Encrypting files

Quiz: Computer Data Security Risks

Question 1: What does the term "VIRUS" stand for?

- a) Vital Information Resource Under Siege
- b) Very Important Resource Under Security
- c) Virtual Information Resource Under Scan
- d) Vital Information Resource Under Security

Question 2: Which of the following is a type of malware that steals information like email passwords?

- a) Adware
- b) Spyware
- c) Worm
- d) Trojan horse

Question 3: What is the primary function of an antivirus program?

- a) To create backups of data
- b) To identify and remove viruses and malware
- c) To encrypt sensitive information
- d) To block unwanted ads

Question 4: Which of the following is an example of cyberbullying?

- a) Sending a friendly email
- b) Posting mean messages on social media
- c) Sharing educational content
- d) Using a firewall

Question 5: What is the main purpose of data encryption?

- a) To display unwanted ads
- b) To protect sensitive information from unauthorized access
- c) To spread viruses
- d) To block internet traffic