Rampurhat College Rampurhat Birbhum Department of Computer Science SEM-III, MDC COMP 3031

Date:01/03/2025

- 1. Which of the following is the primary goal of information security?
- A) To ensure privacy and confidentiality
- B) To maintain data integrity and availability
- C) To monitor and block cybercriminal activities
- D) All of the above
- 2. What is the best practice to secure a web browser?
- A) Use the same password for all websites
- B) Disable all security settings
- C) Regularly update the browser and enable security features
- D) Avoid using any browser extensions
- 3. What does Two-Step Authentication (2FA) provide for account security?
- A) It simplifies the login process
- B) It ensures that only the password is needed for access
- C) It adds an extra layer of security by requiring two forms of verification
- D) It blocks all third-party logins automatically
- 4. What is a recommended guideline for creating a secure password?
- A) Use your name and birthdate
- B) Use a simple and easy-to-remember password
- C) Use a mix of letters, numbers, and special characters
- D) Share your password with trusted friends
- 5. Which of the following is a common social engineering tactic cybercriminals use?
- A) Phishing
- B) SQL injection
- C) DDoS attack
- D) Cross-site scripting (XSS)
- 6. In the context of cybersecurity, what is the role of a firewall?
- A) To monitor the web browser activity
- B) To block malicious emails
- C) To filter and block unauthorized access to a network
- D) To protect mobile devices from malware
- 7. What is the primary risk when using unsecured Wi-Fi networks?
- A) The network may get disconnected frequently
- B) The data you send and receive could be intercepted by attackers
- C) Your device will automatically update without permission
- D) It will drain your battery faster
- 8. What should you do to protect your smartphone from security risks?
- A) Avoid updating the phone's software
- B) Only download apps from unofficial sources
- C) Enable device encryption and use strong passwords
- D) Disable all security features
- 9. What is a key feature of secure mobile banking applications?
- A) They require only a username for access
- B) They are designed to work without an internet connection
- C) They use encryption and multi-factor authentication
- D) They allow you to transfer money without any limits
- 10. What is the role of antivirus software in cybersecurity?

- A) It speeds up your computer's performance
- B) It protects your system by detecting and removing malicious software
- C) It ensures that your internet connection is always secure
- D) It helps you manage your passwords

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