

Name: _____ **Date:** _____

Invisible Shields: A 9th Grade Cybersecurity Awareness Quiz

Digital hygiene, social engineering, and metadata safety—essential behaviors for securing your virtual identity in an increasingly connected world.

1. When connecting to a public Wi-Fi network at a local cafe, which technology acts as a secure tunnel to prevent others on the network from snooping on your data?

- A. A Virtual Private Network (VPN)
- B. An Incognito/Private browser tab
- C. A high-speed ethernet cable
- D. A pop-up blocker extension

2. Using the same strong password across multiple social media platforms is considered a safe cybersecurity practice as long as the password contains symbols and numbers.

- A. True
- B. False

3. The process of verifying your identity using two different methods—such as a password plus a fingerprint or a code sent to your phone—is known as _____.

- A. Single Sign-On (SSO)
- B. Biometric Scanning
- C. Multi-Factor Authentication (MFA)
- D. Digital Footprint Analysis

4. You receive an urgent DM from a 'Moderator' stating your account will be deleted in 1 hour unless you click a link to verify your ID. This is an example of:

- A. A software update notification
- B. A social engineering attack
- C. A distributed denial of service
- D. An operating system patch

5. Photos posted online often contain 'EXIF data' which can reveal the exact GPS coordinates of where the photo was taken.

- A. True
- B. False

6. Software that is specifically designed to disrupt, damage, or gain unauthorized access to a computer system is collectively referred to as _____.

- A. Adware
- B. Shareware
- C. Firmware

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D. Malware

7. Which of these is the most secure way to manage dozens of unique, complex passwords for various school and personal accounts?

- A. Writing them in a physical notebook kept in your backpack
- B. Saving them in a 'Passwords' contact on your phone
- C. Using an encrypted password manager
- D. Emailing a list of passwords to yourself

8. If your social media account is hacked, the first thing you should do after regaining access is to notify your followers so they don't click on any malicious links sent from your account.

- A. True
- B. False

9. The padlock icon in your browser's address bar indicates that the website is using _____, which encrypts the data sent between your computer and the server.

- A. HTML
- B. HTTPS
- C. FTP
- D. SMTP

10. Why is it important to keep your computer's operating system (like Windows, macOS, or ChromeOS) updated to the latest version?

- A. To clear up space on your hard drive
- B. To ensure your screen resolution stays high
- C. To receive security patches that fix known vulnerabilities
- D. To change your wallpaper automatically