

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Answer Key: Glitch Trap: 5th Grade Cyber-Defense Intelligence Quiz

Armor up as an elite security analyst to dissect complex social engineering tactics and secure vulnerabilities in this high-stakes formative assessment.

**1. An online gaming friend you've known for a week sends you a link to a 'Secret Mod' that requires you to disable your firewall to install it. What is the most likely risk?**

**Answer:** B) A Trojan horse could bypass your security to steal local data.

Disabling a firewall removes the barrier between your device and malicious software; 'secret' files from unverified sources often contain Trojans designed to infiltrate systems.

**2. Using the same complex password for your school login and your private social media account is an example of 'credential stuffing' protection.**

**Answer:** B) False

Reusing passwords makes you vulnerable to credential stuffing, where a hacker uses a password leaked from one site to break into all your other accounts.

**3. When an attacker calls you pretending to be IT support to trick you into giving up your password, they are using a social engineering tactic called \_\_\_\_\_.**

**Answer:** B) Vishing

Vishing (voice phishing) is a specific type of social engineering where attackers use phone calls to manipulate people into revealing sensitive information.

**4. You see an ad claiming your tablet is infected with 15 viruses and you must click 'Repair Now.' This is a common example of:**

**Answer:** C) Scareware

Scareware uses false alarms to frighten users into downloading malware or paying for useless software.

**5. In a 'Man-in-the-Middle' attack, a hacker may intercept data you send over an unsecured public Wi-Fi network at a coffee shop.**

**Answer:** A) True

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Unsecured networks allow attackers to sit 'between' you and the website you are visiting to capture your usernames, passwords, and messages.

**6. Biometric authentication uses your physical traits for security. Which of these is a form of \_\_\_\_\_ authentication?**

**Answer:** B) Fingerprint scanning

Biometrics identify users through unique physical characteristics like fingerprints, facial recognition, or iris patterns.

**7. Why is it important to check the 'Privacy Policy' of a new app before clicking 'Accept'?**

**Answer:** B) To verify if the app sells your location data to third parties

Privacy policies detail how a company collects, uses, and shares your personal information and data.

**8. A 'Zero-Day' vulnerability is a security hole that the software creator has known about for exactly zero days, meaning no patch exists yet.**

**Answer:** A) True

Zero-day threats are exploited by hackers before a fix is released, making them extremely dangerous.

**9. To keep your tablet safe from the latest threats, you should always enable \_\_\_\_\_ updates for your apps and operating system.**

**Answer:** C) Automatic

Automatic updates ensure that security patches are installed as soon as they are available, closing vulnerabilities quickly.

**10. Which behavior is the best defense against 'Shoulder Surfing' in a public library?**

**Answer:** B) Using a privacy screen filter or covering your hands while typing

Shoulder surfing is when someone watches you enter private info; physical barriers like privacy screens or your hands help prevent this.