

AP Cybersecurity

Name: _____ Score: _____

1. What is the main goal of social engineering?
 - ☐ To scan for open ports
 - ☐ To trick a person into breaking security
 - ☐ To overload a server
 - ☐ To break the encryption
2. Which is a sign of an online password attack in the logs?
 - ☐ Many failed logins in a short time
 - ☐ A file being downloaded
 - ☐ A printer coming online
 - ☐ One successful login at noon
3. An adversary sets up a fake access point copying the real SSID. This is a(n)...
 - ☐ evil twin attack
 - ☐ jamming attack
 - ☐ war driving attack
 - ☐ smurf attack
4. An AI clone of a person's voice used to impersonate them is a...
 - ☐ honeypot
 - ☐ keylogger
 - ☐ deepfake
 - ☐ dictionary
5. Why is AI useful for reading network logs?
 - ☐ It encrypts the logs
 - ☐ It makes the logs shorter
 - ☐ It can sort millions of events humans cannot
 - ☐ It deletes the logs
6. Giving an adversary your pet's name and birthday could help them impersonate you.
 - ☐ True ☐ False

7. Multifactor authentication (MFA) is no more secure than a strong password alone.
- ☐ True ☐ False
8. On an evil-twin network, HTTPS sites still keep your data encrypted.
- ☐ True ☐ False
9. An adversary who has cloned your voice can always get past MFA.
- ☐ True ☐ False
10. AI security recommendations should be reviewed by a human before use.
- ☐ True ☐ False

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1. To trick a person into breaking security

Social engineering targets the **human**, not the code.

2. Many failed logins in a short time

A burst of **failed** logins signals guessing.

3. evil twin attack

Copying the SSID to lure victims is the **evil twin**.

4. deepfake

A **deepfake** clones a voice or face.

5. It can sort millions of events humans cannot

AI handles the **scale** humans cannot.

6. True

That info often answers security **challenge questions**.

7. False

False. MFA asks for extra proof, such as a texted code or a fingerprint, so a stolen password alone is not enough to get in.

8. True

HTTPS encryption protects you even if traffic is intercepted.

9. False

False. A second factor such as a code or hardware key is still needed, so a voice-only attack is blocked.

10. True

AI is probabilistic; a human must check.