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. In the 2016 Cyber Grand Challenge, systems found and patched bugs with no humans at the keyboard.

   ☐ True ☐ False

6. "Reply in the next 10 minutes or lose access" mainly uses which tactic?

   ☐ Familiarity

   ☐ Urgency

   ☐ Scarcity

   ☐ Consensus



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☐ 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. Which can AI do for defenders?

    ☐ Guarantee that no attack succeeds

    ☐ Rank alerts by likely danger

    ☐ Isolate an infected laptop automatically

    ☐ Suggest safer firewall rules

    *Tick every correct option.*

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. **True**

   Mayhem won.

6. **Urgency**

   A tight deadline creates **urgency**.

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. **Rank alerts by likely danger; Isolate an infected laptop automatically; Suggest safer firewall rules**

    No system guarantees safety.



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