Teacher Answer Key

Case Study

1. The code word was effective because the scammer had no way to know it. No amount of voice cloning can produce information the scammer doesn't possess — the code word exists only in the minds of real family members who established it privately.

2. The scammer used urgency ('before end of business hours'), a false authority figure (the fake public defender), and emotional pressure to prevent Rose from pausing to verify. These tactics match the reading's 'trust-building' and 'extraction' stages, designed to override rational thinking.

Multiple Choice

1. D

2. D

3. A

Matching

1-E, 2-D, 3-B, 4-A, 5-C

Fill-in-the-Blank

1) three (3), 2) robocalls, 3) YouTube

Short Answer (Sample Responses)

Q1: Teenagers' social media videos provide the audio samples scammers need to clone their voices. The teenager is not defrauded directly — their voice is used as a weapon against an older family member, often a grandparent, who recognizes the voice and is manipulated by it.

Q2: Voice cloning erodes the basic assumption that a voice on the phone belongs to the person it claims to be. Beyond fraud, cloned audio has been used in political disinformation, to fabricate public figures' statements, and in workplace harassment — threatening trust across multiple domains of life.

Q3: Sample — Step 1: Establish a family code word immediately and share it only in person. Step 2: Create a policy that no money will ever be sent based solely on a phone call, no matter how urgent — always require video or in-person verification. Step 3: Brief older family members specifically on this technology because they are most frequently targeted and may be least aware of AI capabilities.