Teacher Answer Key

Case Study

1. Investigators performed a DNA test on the hair found in a discarded tote and cross-referenced it with known offenders. Social media posts also placed the suspect at the scene.

2. Beaches are crowded with tourists distracted by leisure, leaving valuables unattended—an attractive setting for thieves looking to blend in and grab items quickly.

Multiple Choice

1. C

2. D

3. C

Matching

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

Fill-in-the-Blank

1) Ballistics, 2) trace evidence, 3) forensic entomology

Short Answer (Sample Responses)

Q1: Crowded areas provide thieves with more targets and cover. People often let their guard down during leisure activities, making valuables more vulnerable.

Q2: Arson probes may require specialized fire pattern analysis, accelerant detection, and meteorological data to determine whether a blaze was intentionally set or a natural occurrence.

Q3: Tips can point investigators toward potential suspects or missing links. Surveillance footage helps corroborate evidence, building a stronger case that aligns with forensic findings.