Teacher Answer Key

Case Study

1. Forensic toxicology testing revealed cyanide in the candy, which identified the poison that caused Timothy O'Bryan's death.

2. This real tragedy convinced parents that strangers might poison Halloween candy, and the fear persists today even though poisoned candy is extremely rare.

Multiple Choice

1. A

2. B

3. A

Matching

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

Fill-in-the-Blank

1) Pixy Stix, 2) Toxicology, 3) Isolated

Short Answer (Sample Responses)

Q1: By testing evidence such as candy, fingerprints, or toxins, forensic scientists prove or disprove rumors.

Q2: Because it can identify harmful substances that are not visible to the eye.

Q3: Myths continue because fear spreads quickly, parents want to protect children, and media attention reinforces them.