Teacher Answer Key

Case Study

1. They wanted feedback on color choices, symbol clarity, and overall readability to ensure officials could quickly interpret flood risks.

2. They used distinct color shades for each flood scenario, a clear legend, and simplified symbols for essential infrastructure.

Multiple Choice

1. A

2. C

3. B

Matching

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

Fill-in-the-Blank

1) GIS, 2) Legend (or Key), 3) shades

Short Answer (Sample Responses)

Q1: Clear, recognizable symbols help users interpret information instantly without confusion, improving the map's usability.

Q2: They consider the map's topic, color-blind accessibility, cultural associations with certain hues, and the need for contrast and clarity.

Q3: Crowd-sourced data can quickly update maps with local insights but might introduce inaccuracies or bias if not verified.