Teacher Answer Key

Case Study

1. The subduction zone's massive slip generated a large tsunami, compounded by high population density and nuclear infrastructure along the coast.

2. They strengthened seawalls, improved evacuation protocols, and updated building codes after reviewing the disaster's impacts.

Multiple Choice

1. *A*

2. *C*

3. *C*

Matching

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

Fill-in-the-Blank

1) Subduction, 2) magnetic stripes, 3) Continental

Short Answer (Sample Responses)

Q1: City planners can limit development near fault lines, enforce stricter building standards, and incorporate quake-resistant designs.

Q2: He proposed that continents were once joined and have drifted apart, challenging the then-prevailing notion of fixed continents.

Q3: The plates can lock up along fault lines, releasing significant energy when they suddenly shift laterally.