Teacher Answer Key

Case Study

1. High tides push seawater up through underground channels and drains.

2. Because rising seas will eventually overwhelm defenses like pumps and seawalls.

Multiple Choice

1. B

2. B

3. D

Matching

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

Fill-in-the-Blank

1) thermal, 2) Maldives and Tuvalu, 3) managed retreat

Short Answer (Sample Responses)

Q1: Higher sea levels push storm surges further inland, increasing damage.

Q2: Property damage, infrastructure costs, loss of tourism, and relocation expenses.

Q3: Building seawalls, restoring wetlands, raising roads, or installing pumps.