Teacher Answer Key

Case Study

1. Concerns arose over overfishing and coral reef damage, prompting protective measures.

2. Marine reserves were established, quotas set, and regular scientific surveys helped guide sustainable fishing practices.

Multiple Choice

1. B

2. D

3. B

Matching

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

Fill-in-the-Blank

1) Coral, 2) Overfishing, 3) water

Short Answer (Sample Responses)

Q1: Currents redistribute heat, warming higher latitudes and cooling the tropics, thereby influencing weather patterns.

Q2: When pH drops, organisms that build shells or skeletons (like corals, clams) struggle to form and maintain them, threatening entire food webs.

Q3: They can implement sustainable fishing limits, eco-tourism, and pollution controls, ensuring that ocean resources remain viable for future generations.