Teacher Answer Key

Case Study

1. Rapid population growth, land subdivision for agriculture, and altered rainfall patterns pose significant challenges.

2. They form conservancies where landowners are compensated for wildlife-friendly practices, while also adopting sustainable grazing methods.

Multiple Choice

1. B

2. A

3. D

Matching

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

Fill-in-the-Blank

1) Biomes, 2) Habitat fragmentation, 3) adaptations

Short Answer (Sample Responses)

Q1: Biodiversity supports ecosystem resilience, pollination, clean water, and resources like food and medicine for humans.

Q2: They can outcompete native species, disrupt food webs, and spread diseases or pests, leading to ecological imbalance.

Q3: Community-led efforts involve local stakeholders who live in and manage the land, creating incentives that align conservation with livelihoods, rather than top-down enforcement.