Teacher Answer Key

Case Study

1. They planted shelterbelts of trees to block wind-carried sand and stabilize dunes.

2. Drip irrigation focused scarce water directly on plant roots, minimizing evaporation.

Multiple Choice

1. B

2. A

3. D

Matching

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

Fill-in-the-Blank

1) Desertification, 2) Succulent, 3) oasis

Short Answer (Sample Responses)

Q1: Lack of cloud cover lets heat radiate away quickly, causing large temperature drops.

Q2: Removing trees reduces moisture in the air and destabilizes soil, allowing desert conditions to spread.

Q3: Trees anchor soil, reduce wind erosion, and can help retain moisture, slowing the spread of deserts.