Teacher Answer Key

Case Study

1. Both partners benefit: corals get sugars, algae get nutrients and shelter.

2. Bleaching removes algae, reducing coral energy and harming reef biodiversity.

Multiple Choice

1. B

2. C

3. A

Matching

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

Fill-in-the-Blank

1) Remora, 2) Bleaching, 3) Kill

Short Answer (Sample Responses)

Q1: In commensalism, one benefits and the other is unaffected; in mutualism, both benefit.

Q2: Parasites keep host populations in check, preventing overpopulation.

Q3: Coral-algae mutualism creates reefs that support thousands of other species.