Teacher Answer Key

Case Study

1. Chthamalus' realized niche is limited to higher rocks because Balanus outcompetes it in the lower zone.

2. Partitioning reduces direct conflict and allows more species to coexist, increasing biodiversity.

Multiple Choice

1. C

2. D

3. C

Matching

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

Fill-in-the-Blank

1) Realized, 2) Interspecific, 3) Niche

Short Answer (Sample Responses)

Q1: Different predators use different strategies, times, or locations to hunt, reducing conflict.

Q2: Invasive species may outcompete natives for resources, shrinking their niches.

Q3: Competition favors traits that help individuals survive and reproduce, driving adaptation.