## Teacher Answer Key

**Case Study**

1. Sea otters control sea urchins, preventing kelp destruction.

2. Hunting otters allowed urchins to overgraze kelp, causing ecosystem collapse.

**Multiple Choice**

1. B

2. B

3. A

**Matching**

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

**Fill-in-the-Blank**

1) Disproportionate, 2) Urchin, 3) Food

**Short Answer (Sample Responses)**

Q1: Keystone species regulate populations or habitats; without them, ecosystems lose balance.

Q2: Protecting keystone species stabilizes food webs and preserves many dependent species.

Q3: Mangrove crabs recycle sediment, maintaining coastal wetland ecosystems.