## Teacher Answer Key

**Case Study**

1. Sea otter decline → sea urchin boom → kelp forest collapse.

2. Kelp forests provide habitat, food, biodiversity, and carbon storage.

**Multiple Choice**

1. C

2. B

3. D

**Matching**

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

**Fill-in-the-Blank**

1) sea urchin, 2) Copepods (or: krill), 3) ecosystem

**Short Answer (Sample Responses)**

Q1: They remove particles and algae, keeping water clear and reducing harmful blooms.

Q2: Predator loss allows prey to overpopulate, destabilizing ecosystems (e.g., urchins/kelp).

Q3: They recycle nutrients, preventing waste buildup and keeping systems productive.