Teacher Answer Key

Case Study

1. Lionfish consume large numbers of juvenile fish and reduce biodiversity.

2. Culling, fishing tournaments, and promoting lionfish as food.

Multiple Choice

1. C

2. D

3. A

Matching

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

Fill-in-the-Blank

1) Mid-level, 2) Pollution, 3) Acidification

Short Answer (Sample Responses)

Q1: Destroying habitats removes shelter and food sources, leaving species unable to survive.

Q2: Warming and acidification add stress to already damaged ecosystems, worsening declines.

Q3: Human actions can spread species unnaturally, and once established, invasives are hard to control.