Teacher Answer Key

Case Study

1. Compounds from the sponge were developed into AZT, used to treat HIV/AIDS.

2. Coral reefs house organisms with potential medical applications, so conserving them protects human health opportunities.

Multiple Choice

1. B

2. A

3. C

Matching

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

Fill-in-the-Blank

1) 25, 2) Phytoplankton, 3) AZT

Short Answer (Sample Responses)

Q1: Many undiscovered marine species may hold compounds that can be turned into drugs.

Q2: They move heat from the equator to the poles, reducing temperature extremes.

Q3: Examples: sustainable fisheries management, aquaculture development, or algae as food supplements.