Teacher Answer Key

Case Study

1. Melting ice raises sea levels, threatening coasts worldwide.

2. Opportunities: shipping, mining; Challenges: ecosystem disruption, cultural loss.

Multiple Choice

1. A

2. D

3. C

Matching

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

Fill-in-the-Blank

1) Nenets, 2) Antarctica, 3) Europe

Short Answer (Sample Responses)

Q1: Polar ice impacts sea levels, weather, and ecosystems worldwide.

Q2: Animals develop thick fur, blubber, seasonal migrations, and reliance on ice.

Q3: Treaties and cooperation are needed to balance science, environment, and resources.