Teacher Answer Key

Case Study

1. The Gulf's restricted basin produces diurnal tides, while the Atlantic's open connection produces semidiurnal tides.

2. Fishermen, ports, and communities schedule work based on predictable tidal windows.

Multiple Choice

1. B

2. C

3. B

Matching

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

Fill-in-the-Blank

1) Mixed, 2) Diurnal, 3) 12

Short Answer (Sample Responses)

Q1: Unequal highs and lows make it harder to predict water depth for safe navigation and fishing.

Q2: Tidal patterns depend on geography, basin shape, and latitude.

Q3: They can protect estuaries, manage fisheries, and plan conservation efforts.