

Name _____

Tidal Terror: The Effects of Tsunamis Triggered by Underwater Earthquakes

Multiple Choice Questions

1. What is one of the most common triggers for tsunamis?
 - a) Volcanic eruptions
 - b) Underwater earthquakes
 - c) Meteor impacts
 - d) Hurricanes

2. What happens to tsunamis as they approach shallower coastal areas?
 - a) They decrease in speed and height.
 - b) They become imperceptible.
 - c) They grow taller and move faster.
 - d) They transform into rainstorms.

3. How can tsunamis affect inland areas?
 - a) They cannot penetrate inland.
 - b) They cause mild flooding near the coast.
 - c) They inundate low-lying inland regions.
 - d) They create high waves offshore.

4. What is a significant danger posed by tsunamis in addition to the waves?
 - a) Strong winds
 - b) Fast-moving currents and debris
 - c) Severe lightning
 - d) Landslides

5. What is one of the long-term effects of tsunamis on coastal ecosystems?
 - a) Improved biodiversity
 - b) Disruption of habitats and displacement of marine life
 - c) Increased agricultural productivity
 - d) Decreased saltwater intrusion

