

Name _____

Tsunamis Unveiled: The Forces Behind Their Formation and Mitigation Strategies

Multiple Choice Questions

1. What is the primary cause of tsunamis?
 - a) Strong winds in the ocean
 - b) Underwater earthquakes
 - c) High tides
 - d) Heavy rainfall

2. How do tsunamis differ from regular ocean waves?
 - a) Tsunamis are slower and have shorter wavelengths.
 - b) Tsunamis have small wave heights even near the coast.
 - c) Tsunamis are triggered by volcanic eruptions.
 - d) Tsunamis have irregular wave patterns.

3. What is one strategy to mitigate the impact of tsunamis?
 - a) Encouraging coastal construction in vulnerable areas
 - b) Ignoring early warning signals
 - c) Restricting land use planning along coastlines
 - d) Developing well-marked evacuation routes

4. How can residents recognize natural signs of an approaching tsunami?
 - a) By observing unusual ocean behavior
 - b) By listening for loud noises from the ocean
 - c) By checking the color of the sky
 - d) By counting the number of seagulls in the area

5. What is the role of international cooperation in tsunami mitigation?
 - a) It helps create more tsunamis.
 - b) It ensures that tsunamis only affect one country at a time.
 - c) It allows for sharing data and coordinating responses to tsunamis affecting multiple countries.
 - d) It prevents tsunamis from occurring.

