

Name _____

Unlocking Earth's Secrets: Understanding the Importance of Studying Earth's Structure for Natural Disasters

Multiple Choice Questions

1. What is the Earth's outermost layer, where we live and build our cities?
 - a. Mantle
 - b. Outer Core
 - c. Crust
 - d. Inner Core

2. How do tectonic plate movements contribute to the occurrence of earthquakes?
 - a. By releasing energy in the form of seismic waves
 - b. By creating volcanic eruptions
 - c. By generating tsunamis
 - d. By causing floods

3. What is the primary cause of tsunamis?
 - a. Hurricanes
 - b. Volcanic eruptions
 - c. Undersea earthquakes
 - d. Tornadoes

4. Why is the study of plate boundaries and their interactions crucial for predicting earthquakes?
 - a. To design earthquake-resistant buildings
 - b. To understand the history of volcanic eruptions
 - c. To protect coastal populations from tsunamis
 - d. To identify where earthquakes are likely to happen

5. How does knowledge of the Earth's structure benefit resource management?
 - a. By predicting tsunamis
 - b. By exploring outer space
 - c. By identifying vulnerable ecosystems
 - d. By aiding in the sustainable use of minerals, oil, and water

