

Name _____

Earthquakes and Volcanoes: Unraveling the Connection

Multiple Choice Questions

1. What is the Earth's crust primarily composed of?
 - a. One solid piece
 - b. Several large tectonic plates
 - c. Liquid magma
 - d. Floating islands

2. At which type of plate boundary do tectonic plates move away from each other?
 - a. Convergent boundaries
 - b. Transform boundaries
 - c. Divergent boundaries
 - d. Subduction zones

3. What process occurs at convergent boundaries that leads to volcanic activity?
 - a. Plate separation
 - b. Plate collision and subduction
 - c. Horizontal plate sliding
 - d. Plate flipping

4. What is intraplate volcanism?
 - a. Volcanic activity at plate boundaries
 - b. Volcanic activity within a tectonic plate, away from boundaries
 - c. Transform fault activity
 - d. Earthquakes generated by hotspots

5. Which geological feature is known for its high concentration of both volcanic and seismic activity?
 - a. The Great Plains
 - b. The Sahara Desert
 - c. The Amazon Rainforest
 - d. The Ring of Fire

