

## Unit 6 Section 1 Study Guide

**Directions: Answer the following questions.**

### **Reviewing Objectives Part 1:**

1. Explain how plate tectonics accounts for the features and processes (sea floor spreading, mid-ocean ridges, subduction zones, earthquakes and volcanoes, mountain ranges) that occur on or near the Earth's surface. Pages: 238-260
2. Distinguish plate boundaries by the pattern of depth and magnitude of earthquakes. Pages: 248-254

### **Reviewing Major Concepts Part 2: *Chapter 10 section 1,2***

1. Compare sea-floor spreading and the formation of mid-ocean ridges.
2. Summarize the theory of plate tectonics.
3. Explain why most earthquakes and volcanoes happen along plate boundaries.
4. Identify and describe the three major types of plate boundaries.
5. Compare the changes in Earth's surface that happen at a convergent boundary with those that happen at a divergent boundary.