

Name \_\_\_\_\_ Period \_\_\_\_\_

College Prep Chemistry of the Earth System

Assignment 20 – Tectonic Plates and Plate Boundaries

20 Points

*Complete the following questions based on the videos and in class presentation*

*Answer the following questions*

What is continental drift theory?	How does the drift theory crust structure?
What is a tectonic plate?	Explain the Statement “What occurs on one part of the earth affects all parts of the earth”

Explain what happens at the following tectonic plate boundaries during geologic ( <i>earth</i> ) activity?	
Divergent Boundaries	Convergent Boundaries
Transform Boundaries	How are Divergent and Convergent Boundaries Related within the Earth’s Crust

At a convergent boundary, why does the oceanic crust almost always travel below the continental crust?	What is a subduction zone within the crust on the earth?