**Land Beneath Our Feet: Pre-assessment**

\_\_\_\_\_\_\_1) At convergent plate boundaries rocks are squeezed, pushed downward, and heated. This pressure and heat changes many rocks into \_\_\_ rocks.

 A) igneous

 B) sedimentary

C) metamorphic

D) organic

­­­\_\_\_\_\_\_\_2) The movement of tectonic plates is caused by:

A) convection currents in the mantle.

B) heat in the inner core.

C) radiation from the sun.

D) strong global winds.

\_\_\_\_\_\_\_3) Convergent plate boundaries \_\_\_\_\_\_\_\_.

A) pull apart

B) slide past each other

C) collide

D) do not move

\_\_\_\_\_\_\_4) Earth's crust and upper mantle are broken into pieces called \_\_\_\_\_\_\_\_\_\_.

A) continents

B) basins

C) tectonic plates

D) faults

\_\_\_\_\_\_\_5) The \_\_\_\_\_\_ is made of the solid rock and soil that covers the Earth.

A) lithosphere

B) hydrosphere

C) atmosphere

D) photosphere

\_\_\_\_\_\_\_\_6) Identify the four layers of the Earth.

 A) crust, mantle, outer core, inner core

B) land, sea bottom, outer core, inner core

C) soil, crust, outer core, inner core

D) crust, subduction zone, outer core, inner core

\_\_\_\_\_\_\_7) Bacteria play an important role in soil formation because they \_\_\_\_\_\_\_\_\_.

A) cause weathering of rocks

B) make soil particles smoother

C) decompose dead animals and plants

D) decrease the number of harmful insects

 \_\_\_\_\_\_\_8) The layer of the Earth on which we live is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A) crust

B) mantle

C) asthenosphere

D) mesosphere

 \_\_\_\_\_\_\_9) Tectonic plates move constantly in response to movements in the Earth's \_\_\_\_\_\_\_\_\_\_\_\_\_.

A) mantle

B) crust

C) inner core

D) outer core

\_\_\_\_\_\_\_10) When two tectonic plates push together, pull apart, or slide past one another, which of the following is most likely to occur?

A) an earthquake

B) a typhoon

C) a tidal wave

D) a delta