

1. Rocks are broken up into three major groups:
 - a) magma, metamorphic, and minerals
 - b) igneous, metamorphic, and sedimentary
 - c) sedimentary, sand, and igneous
 - d) sand, mud, and silt
2. Rocks that come out of volcanoes form the greater part of the Earth's crust. These rocks are:
 - a) igneous rocks
 - b) basalt
 - c) metamorphic rocks
 - d) granite
3. Chalk and limestone are made up of the remains of animals. They are:
 - a) both very hard
 - b) pebbles
 - c) sedimentary rocks
 - d) conglomerates
4. From deep within the earth molten magma bubbles up, heating rocks that surround it. This process turns igneous and sedimentary rocks:
 - a) gneiss
 - b) slate
 - c) marble
 - d) metamorphic rocks
5. This is the name of the solid rock beneath the soil:
 - a) extrusive rock
 - b) limestone
 - c) bedrock
 - d) granite
6. The concept that Earth's upper layer, or lithosphere, is divided into large, quite rigid segments which float over the more dense upper mantle, is termed
 - a) pushing margins
 - b) plate tectonics
 - c) floating continents
 - d) convection currents
7. The plates of the Earth move because of
 - a) pressure from volcanoes
 - b) bumping from bubbling magma
 - c) convection currents in the mantle
 - d) earthquake activity
8. Two obvious ways plate tectonic activity can be witnessed is in
 - a) wind and ocean currents
 - b) earthquakes and volcanoes
 - c) avalanches and snowstorms
 - d) changing weather patterns
9. An earthquake's magnitude is measured with a tool that records the size of seismic waves, called a
 - a) seismograph
 - b) telegraph
 - c) Richter scale
 - d) sonic recorder

10. Most earthquakes occur
 - a) in the middle of the ocean
 - b) where volcanoes are
 - c) near major cities
 - d) along plate boundaries
11. Earthquakes and volcanoes share which of the following in common?
 - a) they both occur along plate boundaries
 - b) they both can involve explosive movement
 - c) they are both related to plate tectonic activity
 - d) all of the above
12. This is the highest volcano in Europe.
 - a) Mount Mazama
 - b) Mount Apo
 - c) Mount Etna
 - d) none of the above
13. What do we call molten hot liquid rock while it is still below the Earth's surface?
 - a) Magma
 - b) Igneous
 - c) Cinder
 - d) Lava
14. What kind of rocks are formed when lava from a volcano cools?
 - a) Metamorphic rocks
 - b) Igneous rocks
 - c) Sedimentary rocks
 - d) Meteorites
 - e) Magma rocks