Earth Science Essentials

Earth Science · Practice Test · 8 Questions

1. Which layer of the Earth is composed primarily of liquid iron and nickel?

A) Inner core
B) Outer core
C) Mantle
D) Crust

2. What is the most abundant gas in Earth's atmosphere?

A) Oxygen
B) Carbon dioxide
C) Argon
D) Nitrogen

3. Which scale is used to measure the magnitude of earthquakes?

A) Richter scale
B) Beaufort scale
C) Fujita scale
D) Saffir-Simpson scale

4. What type of rock is formed from the cooling and solidification of molten magma or lava?

A) Sedimentary
B) Metamorphic
C) Igneous
D) Conglomerate

5. Which process involves the movement of water from the Earth's surface into the atmosphere?

A) Condensation
B) Precipitation
C) Transpiration
D) Evaporation

6. What is the name of the boundary where two tectonic plates move away from each other?

A) Convergent boundary
B) Transform boundary
C) Divergent boundary
D) Subduction zone

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7. Which ocean is the deepest in the world?

A) Atlantic Ocean
B) Indian Ocean
C) Arctic Ocean
D) Pacific Ocean

8. What atmospheric layer contains the ozone layer that absorbs ultraviolet radiation?

A) Troposphere
B) Stratosphere
C) Mesosphere
D) Thermosphere

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