

Exploring Planet Earth

Earth Science · Practice Test · 8 Questions

1. Which layer of the Earth is the outermost and thinnest?

- A) Crust
- B) Mantle
- C) Outer Core
- D) Inner Core

2. What was the name of the supercontinent that existed about 300 million years ago?

- A) Gondwana
- B) Pangea
- C) Laurasia
- D) Rodinia

3. What gas makes up approximately 78% of Earth's atmosphere?

- A) Oxygen
- B) Carbon Dioxide
- C) Nitrogen
- D) Argon

4. Which type of rock forms from the cooling and solidification of molten magma or lava?

- A) Igneous
- B) Sedimentary
- C) Metamorphic
- D) Sandstone

5. The process by which water vapor changes into liquid water droplets to form clouds is called:

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

6. What instrument is used to measure and record the vibrations of an earthquake?

- A) Barometer
- B) Anemometer
- C) Hygrometer
- D) Seismograph

7. Which process describes the breaking down of rocks at the Earth's surface by wind, water, or ice?

- A) Subduction
- B) Erosion
- C) Weathering
- D) Deposition

8. What is the primary driving force behind the movement of Earth's tectonic plates?

- A) Ocean currents
- B) Mantle convection
- C) Moon's gravity
- D) Earth's rotation