

Geology and the Natural World

Geology · Practice Test · 15 Questions

1. Which layer of the Earth is the thin, rocky outer shell where animals and plants live?

- A) The crust
- B) The mantle
- C) The outer core
- D) The inner core

2. What are the three main types of rocks found in nature?

- A) Igneous, sedimentary, and metamorphic
- B) Soft, hard, and medium
- C) Liquid, solid, and gas
- D) Metallic, wooden, and plastic

3. Which process causes rocks to break down into smaller pieces like sand and soil?

- A) Weathering
- B) Photosynthesis
- C) Hibernation
- D) Pollination

4. What is the name for a naturally occurring solid substance with a regular, repeating internal structure?

- A) A mineral
- B) A liquid
- C) A cloud
- D) A root

5. Which type of rock is formed from the cooling of melted rock, such as lava from a volcano?

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

6. What do we call the preserved remains or impressions of ancient animals and plants found in rock?

- A) Fossils
- B) Crystals
- C) Pebbles
- D) Sediment

7. Which substance is made of tiny broken pieces of rock, minerals, and organic matter, supporting plant life?

- A) Soil
- B) Lava
- C) Magma
- D) Diamond

8. What is the primary force that creates canyons by moving water over long periods of time?

- A) Erosion
- B) Evaporation
- C) Condensation
- D) Freezing

9. Which mineral is commonly found in beach sand and is used to make glass?

- A) Quartz
- B) Coal
- C) Copper
- D) Graphite

10. What is the hardest natural substance found on Earth?

- A) Diamond
- B) Limestone
- C) Chalk
- D) Clay

11. Which type of rock is typically formed in layers from compressed sand, mud, and pebbles?

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

12. What are large, naturally formed masses of ice that move slowly across the land called?

- A) Glaciers
- B) Deserts
- C) Valleys
- D) Caves

13. What is the Earth's layer located beneath the crust that consists of hot, flowing rock?

- A) Mantle
- B) Inner core
- C) Atmosphere
- D) Surface

14. Which geological feature is a hole in the Earth's crust that allows magma to escape to the surface?

- A) A volcano
- B) A mountain
- C) A lake
- D) A desert

15. What term describes the natural shaking of the ground caused by shifts in the Earth's crust?

- A) Earthquake
- B) Hurricane
- C) Rainstorm
- D) Tornado