

Geology and the Natural World

Geology · Answer Key · 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