

Geology for Kids

Geology · Answer Key · 25 Questions

1. What is the very hot, solid center of the Earth called?

- A) The crust
- B) The inner core**
- C) The mantle
- D) The ocean

2. Which type of rock is formed from cooled lava or magma?

- A) Igneous**
- B) Sedimentary
- C) Metamorphic
- D) Sand

3. What is the hardest natural mineral on Earth?

- A) Gold
- B) Silver
- C) Diamond**
- D) Quartz

4. Which layer of the Earth do humans live on?

- A) The core
- B) The mantle
- C) The crust**
- D) The atmosphere

5. What are pieces of rock and dirt called when they are very small?

- A) Boulders
- B) Sediment**
- C) Mountains
- D) Canyons

6. Which of these is a type of rock formed by layers of sand and mud pressing together?

- A) Igneous
- B) Sedimentary**
- C) Crystal
- D) Magma

7. What is a naturally occurring solid material made of chemicals called?

A) A mineral

B) A leaf

C) A plastic

D) A liquid

8. What do we call a mountain that can erupt with lava?

A) A hill

B) A volcano

C) A plateau

D) A valley

9. What is the name of the study of the Earth, its rocks, and its history?

A) Biology

B) Astronomy

C) Geology

D) History

10. Which of these is NOT a rock?

A) Granite

B) Basalt

C) Sandstone

D) Water

11. What do we call the patterns or prints of old animals found in rocks?

A) Crystals

B) Fossils

C) Gemstones

D) Sediment

12. Which layer of the Earth is located just below the crust?

A) The mantle

B) The inner core

C) The outer core

D) The surface

13. What is melted rock called while it is still under the ground?

A) Lava

B) Magma

C) Ash

D) Dust

14. What is melted rock called once it comes out of a volcano?

- A) Lava
- B) Magma
- C) Salt
- D) Crystal

15. Which type of rock is formed when existing rocks are changed by heat and pressure?

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

16. What are very large, round pieces of rock called?

- A) Boulders
- B) Sand
- C) Dust
- D) Pebbles

17. Which substance makes up most of the Earth's surface?

- A) Gold
- B) Water
- C) Diamond
- D) Iron

18. What tool do geologists use to see small details on rocks?

- A) Telescope
- B) Microscope
- C) Magnifying glass
- D) Camera

19. Which of these is a shiny, yellow metal found in the ground?

- A) Gold
- B) Coal
- C) Clay
- D) Chalk

20. What is a deep, narrow valley with steep sides usually cut by a river?

- A) Canyon
- B) Hill
- C) Plain
- D) Island

21. What do we call the solid part of the Earth's surface?

- A) Ocean
- B) Atmosphere

C) Land

- D) Cloud

22. Which of these is a common rock used to make sidewalks?

- A) Concrete

B) Granite

- C) Plastic
- D) Rubber

23. What is the name for large piles of sand shaped by the wind?

A) Dunes

- B) Canyons
- C) Caves
- D) Plateaus

24. Which of these is a very soft rock that can be used to write on a chalkboard?

A) Chalk

- B) Diamond
- C) Granite
- D) Basalt

25. What is the natural process that breaks rocks into smaller pieces over time?

A) Weathering

- B) Melting
- C) Freezing
- D) Burning