

Exploring Earth's Foundations

Geology · Answer Key · 8 Questions

1. Which layer of the Earth is the outermost and where we live?

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

2. Rocks formed from cooled and solidified magma or lava are called what?

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

3. What is the most abundant mineral group in the Earth's crust?

- A) Carbonates
- B) Sulfates
- C) Silicates**
- D) Halides

4. The process of breaking down rocks, soil, and minerals through contact with the Earth's atmosphere, biota, and waters is known as what?

- A) Erosion
- B) Deposition
- C) Weathering**
- D) Compaction

5. What scientific theory describes the large-scale motion of plates of Earth's lithosphere?

- A) Continental Drift
- B) Plate Tectonics**
- C) Seafloor Spreading
- D) Isostasy

6. What type of rock is formed from the accumulation and cementation of sediments?

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

7. What are the preserved remains or traces of organisms from a remote geological past?

- A) Minerals
- B) Crystals
- C) Sediments

D) Fossils

8. Rocks that have been transformed by heat, pressure, or chemical processes are called what?

- A) Sedimentary
- B) Igneous

C) Metamorphic

D) Extrusive