

Fundamentals of Palaeontology

Palaeontology · Answer Key · 8 Questions

1. What is the primary scientific term for the preserved remains or traces of ancient living organisms?

- A) Artifacts
- B) Fossils**
- C) Relics
- D) Sediments

2. Which type of rock is most likely to contain well-preserved fossils?

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

3. Which of these is a scientist who studies fossils to understand the history of life on Earth?

- A) Archaeologist
- B) Palaeontologist**
- C) Biologist
- D) Geographer

4. What is the process called when minerals replace the organic material of a once-living organism?

- A) Petrification**
- B) Erosion
- C) Evaporation
- D) Solidification

5. Which geological era is famously known as the 'Age of Reptiles'?

- A) Paleozoic
- B) Mesozoic**
- C) Cenozoic
- D) Precambrian

6. In which era do we currently live?

- A) Mesozoic
- B) Paleozoic
- C) Cenozoic**
- D) Proterozoic

7. Which of these is considered a trace fossil, showing behavior rather than the organism itself?

A) A tooth

B) A footprint

C) A skull

D) A rib bone

8. What is the term for the total collection of discovered fossils that scientists have cataloged?

A) The fossil record

B) The genetic map

C) The mineral archive

D) The rock library