

Introduction to Palaeontology

Palaeontology · Answer Key · 8 Questions

1. What is the primary study of palaeontology?

- A) The study of current animal behavior
- B) The study of ancient life through fossils**
- C) The study of planetary formation
- D) The study of human evolution

2. What are fossils primarily formed from?

- A) Living plant matter
- B) Mineral replacements of organic material**
- C) Recent geological sediments
- D) Extinct insect wings

3. The Mesozoic Era is commonly known as the 'Age of what'?

- A) Mammals
- B) Insects
- C) Fish
- D) Reptiles**

4. Which famous dinosaur fossil discovery in the 19th century significantly advanced the field of palaeontology in Britain?

- A) Velociraptor
- B) Triceratops
- C) Megalosaurus**
- D) Stegosaurus

5. Mary Anning, a pioneering palaeontologist, is most famous for discovering which important marine reptile fossils?

- A) Pterodactyls
- B) Ichthyosaurs and Plesiosaurs**
- C) Mammoths
- D) Ammonites

6. The fossilization process where an organism is replaced by minerals is called:

- A) Carbonization
- B) Permineralization**
- C) Mummification
- D) Freezing

7. What is the scientific term for the preserved remains or traces of ancient organisms?

- A) Artifacts
- B) Geodes
- C) Fossils**
- D) Minerals

8. The study of the layers of rock and their relative positions to understand geological history and the age of fossils is known as:

- A) Stratigraphy**
- B) Geomorphology
- C) Seismology
- D) Cartography