

Multiple Choice Game: Review of Life Through Time

Directions: Answer the multiple choice questions.

Questions

1. Which organisms were the first to carry out photosynthesis on Earth?

- land trees
- cyanobacteria
- viruses
- aquatic plants

2. Which of the following did NOT become extinct at the Cretaceous extinction event 65 million years ago?

- avian dinosaurs
- marine plankton
- non-avian dinosaurs
- ammonites

3. What happened about 1.2 billion years that led to a rapid increase in species evolution?

- giant meteorite impact
- emergence of bacteria for the first time on Earth
- evolution of sexual reproduction
- decrease in atmospheric oxygen levels

4. Why are undersea hydrothermal events significant to the evolution of life on Earth?

- produce oxygen
- produce carbon dioxide
- produce organic compounds that may have initiated life
- produce chemicals that protect undersea animals from extinction

5. Which of the following animals emerged on Earth before all the others?

- reptiles
- amphibians
- land plants
- fish

6. The Devonian Period is known as the Age of

- reptiles
- fish
- bacteria
- dinosaurs

7. Dinosaurs ruled the Earth during the

- Archean

Cenozoic
Quaternary
Mesozoic

8. When did anatomically recognizable humans first appear on Earth?
200 thousand years ago
2,000 years ago
2 million years ago
2 million years ago

Answers

1. cyanobacteria
2. avian dinosaurs
3. evolution of sexual reproduction
4. produce organic compounds that may have initiated life
5. fish
6. fish
7. Mesozoic
8. 200 thousand years ago