

Chapter – 6 | Evolution

QUIZ PART-06

1. The first cellular forms of life appeared approximately:

- A. 500 million years ago
- B. 2000 million years ago
- C. 350 million years ago
- D. 65 million years ago (B)

Explanation : According to the chapter, the first cellular forms of life appeared about 2000 million years ago.

2. The oxygen-releasing ability in some cells was probably similar to:

- A. Respiration
- B. Fermentation
- C. Light reaction of photosynthesis
- D. Protein synthesis (C)

Explanation : Oxygen release by early cells was probably similar to the light reaction of photosynthesis.

3. The transformation of unicellular organisms into multicellular organisms occurred:

- A. Suddenly
- B. Gradually
- C. Through extinction
- D. Through mutation only (B)

Explanation : According to the chapter, unicellular organisms gradually transformed into multicellular organisms.

4. Invertebrates became active approximately:

- A. 65 million years ago
- B. 200 million years ago
- C. 500 million years ago
- D. 350 million years ago (C)

Explanation : Invertebrates were formed and became active about 500 million years ago.

5. Jawless fish probably evolved about:

- A. 320 million years ago
- B. 350 million years ago
- C. 200 million years ago
- D. 65 million years ago (B)

Explanation : Jawless fish are mentioned to have evolved approximately 350 million years ago.

6. Coelacanth fish is considered important because it represents:

- A. Bird evolution
- B. Fish to amphibian transition
- C. Mammal evolution
- D. Reptile extinction (B)

Explanation : Coelacanth represents a transitional stage between fish and amphibians.

7. Lobefins evolved into the first:

- A. Reptiles
- B. Birds
- C. Amphibians
- D. Mammals (C)

Explanation : Lobefins are considered ancestors of the first amphibians.

8. Reptiles dominated the Earth for approximately:

- A. 50 million years
- B. 100 million years
- C. 200 million years
- D. 500 million years (C)

Explanation : Reptiles of various sizes and shapes dominated Earth for the next 200 million years.

9. Dinosaurs disappeared from Earth approximately:

- A. 55 million years ago
- B. 65 million years ago
- C. 100 million years ago
- D. 200 million years ago (B)

Explanation : Dinosaurs became extinct about 65 million years ago.

10. The first mammals mentioned in the chapter were:

- A. Whales
- B. Dolphins
- C. Shrews
- D. Seals (C)

Explanation : Shrews were among the earliest mammals, and their fossils were small-sized.