

Chapter – 1 | The Living World

QUIZ PART-01

1. The word “Biology” is derived from which Greek words?

- A. Bio and Taxon
- B. Bios and Logos
- C. Genus and Species
- D. Systema and Natura (B)

Explanation : “Bios” means life and “Logos” means study.

2. Who is known as the Father of Biology?

- A. Charles Darwin
- B. Carolus Linnaeus
- C. Aristotle
- D. Lamarck (C)

Explanation : Aristotle is commonly known as the Father of Biology.

3. Who formulated the term “Biology” in 1802?

- A. Lamarck
- B. Ernst Mayr
- C. Aristotle
- D. Linnaeus (A)

Explanation : Lamarck is associated with the formulation of the term Biology in 1802.

4. Which of the following is mentioned as an extraordinary habitat?

- A. Classroom
- B. Salt lake
- C. Library
- D. Playground (B)

Explanation : Salt lakes, hot springs and cold poles are examples of extraordinary habitats.

5. Why can many organisms not be seen with naked eyes?

- A. They are extinct
- B. They are too small
- C. They are too fast
- D. They are colourless only (B)

Explanation : Many organisms are microscopic and can only be seen with a microscope.

6. Biodiversity means:

- A. Study of fossils
- B. Variety of life forms on Earth
- C. Naming of organisms
- D. Study of only plants (B)

Explanation : Biodiversity means the variety of plants, animals and other organisms on Earth.

7. What happens when the area of observation increases?

- A. Variety of organisms decreases
- B. Only plants are found
- C. Range and variety of organisms increase
- D. All organisms disappear (C)

Explanation : A larger observation area usually shows more kinds of organisms.

8. The number of known and described species is approximately:

- A. 1.7–1.8 million
- B. 17–18 million
- C. 0.7 million
- D. 1.7–1.8 billion (A)

Explanation : The chapter states that about 1.7 to 1.8 million species are known and described.

9. Ecological conflict and cooperation make us reflect on:

- A. What is life?
- B. What is weather?
- C. What is soil?
- D. What is light? (A)

Explanation : Such interactions make scientists think deeply about the meaning of life.

10. Living organisms found in different habitats show:

- A. Only dissimilarities
- B. No relationship at all
- C. Morphological and anatomical similarities and dissimilarities
- D. Exactly the same body structure (C)

Explanation : Organisms differ in many ways but also show similarities in structure and organisation.