

Chapter – 1 | The Living World

QUIZ PART-02

1. Why is nomenclature needed?

- A. To increase confusion
 - B. Because local names vary from place to place
 - C. To remove scientific names
 - D. Because organisms do not need identification
- (B)

Explanation : Local names differ in different regions, so standard scientific names are needed.

2. Nomenclature means:

- A. Grouping organisms
 - B. Studying fossils
 - C. Standard naming of organisms
 - D. Studying only animals
- (C)

Explanation : Nomenclature is the process of giving a standard name to each organism.

3. Scientific names ensure that each organism has:

- A. Many local names
 - B. No fixed name
 - C. Only a temporary name
 - D. One unique scientific name
- (D)

Explanation : Scientific names avoid confusion by giving one accepted name to each organism.

4. The scientific naming of plants follows:

- A. ICBN
 - B. ICZN
 - C. WHO
 - D. DNA Code
- (A)

Explanation : ICBN stands for International Code for Botanical Nomenclature.

5. The scientific naming of animals follows:

- A. ICBN
 - B. IUCN
 - C. ICZN
 - D. ISO
- (C)

Explanation : ICZN stands for International Code of Zoological Nomenclature.

6. Binomial nomenclature has:

- A. Three components
 - B. Generic name and specific epithet
 - C. Only family name
 - D. Only local name
- (B)

Explanation : A binomial name has two parts: genus and specific epithet.

7. Binomial nomenclature was given by:

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

Explanation : Carolus Linnaeus introduced the binomial system of naming organisms.

8. Classification means:

- A. Random naming of organisms
 - B. Grouping organisms based on observable characters
 - C. Removing scientific names
 - D. Studying only cells
- (B)

Explanation : Classification groups organisms according to their similarities and differences.

9. Which rule is correct for biological names?

- A. Both words start with capital letters
 - B. Genus starts with small letter and species with capital letter
 - C. Genus starts with capital letter and specific epithet with small letter
 - D. Both words are written in Hindi
- (C)

Explanation : Example: *Mangifera indica* — *Mangifera* is capitalised and *indica* is small.

10. Systematics mainly studies:

- A. Only local names
 - B. Only external colour
 - C. Organism diversity and evolutionary relationships
 - D. Only microscopic organisms
- (C)

Explanation : Systematics includes classification and also studies evolutionary relationships.