

Class 11 Biology Important Questions- The Living World

Short Questions with Answers

Q.1. Name three botanists who contributed to the field of plant taxonomy.

A.1. The three botanists are:

Carolus Linnaeus

G Bentham

Joseph Dalton Hooker

Q.2. Expand ICZN? (Clue: The organization that dictates the correct use of the scientific names of animals)

A.2. International Commission on Zoological Nomenclature

Q.3. What is a couplet in the taxonomic key?

A.3. A couplet in the taxonomic key is dichotomous.

Q.4. Define a monograph.

A.4. A monograph is the writing work of a specialist on a single scholarly subject or an aspect of a subject. It is often written by a single author.

Q.5. Define metabolism.

A.5. Metabolism is the process of conversion of food into energy by a series of chemical reactions.

Q.6. The mitotic cell division in amoeba represents growth or reproduction?

A.6. The phenomenon represents reproduction.

Q.7. Name a few botanical gardens in India. Also, name the largest botanical garden in the world.

A.7. Kew Royal Garden in London is the largest botanical garden in the world.
Botanical gardens in India are:

Indian Botanical Garden, Kolkata

Lalbagh Botanical Garden, Bangalore

Government Botanical Garden, Ooty

National Botanical Garden, Lucknow

Assam State Botanical Garden, Guwahati

Q.8. If a habitat contains 20 animal species and 20 plant species, is it “diversity” or “biodiversity”?

A.8. This represents the biodiversity of a given habitat. This is because biodiversity refers to the variation of life forms in a specified area.

Q.9. Identify the correctly written scientific name for mango species- *Mangifera indica*/*Mangifera Indica*.

A.9. *Mangifera indica*.