

Biology (New Book) - 9th Class Biology Urdu Medium Chapter 2 Preparation

Q1. Define Biodiversity

Ans 1: Biodiversity: Biodiversity is defined as "the variety of living organisms on Earth"

Q2. Enlist the distinguishing characteristics of Fungi

Ans 1: 1. Fungi are eukaryotic organisms
2. They do not have cellulose in their cell walls but possess chitin
3. they lack chlorophyll and hence cannot perform photosynthesis.
4. They are multicellular

Q3. Why cannot we classify viruses in any Kingdom.

Ans 1: Viruses are not included in any kingdom because they lack any of the characteristics of the three domains of life.

Q4. Which kingdom includes organisms that are multicellular, heterotrophic and lack cell walls.

Ans 1: the kingdom Animalia of eukaryotes includes organisms which are eukaryotic, multicellular heterotrophic and lack cell walls, They develop from embryos, They ingest food and digest it within their bodies.

Q5. Describe aims of classification.

Ans 1: 1. To determine similarities and difference between organisms.
2. To arrange organisms on the basis of similarities and differences
3. Identify the organism to study them systematically
4. To find out evolutionary relationship among organisms.

Q6. Write names of five kingdoms of classification.

Ans 1: i. Kingdom Monera ii. Kingdom Plantae iii. Kingdom Protista iv. Kingdom Animalia
v. Kingdom Fungi

Q7. Define taxonomy.

Ans 1: Taxonomy is the study of naming and classification of organisms into groups and sub groups based on their similarities and differences.

Q8. Why cannot we classify viruses in any Kingdom.

Ans 1: Viruses are not included in any kingdom because they lack any of the characteristics of the three domains of life.

Q9. Define binomial nomenclature.

Ans 1: Binomial nomenclature is the method of giving scientific names to living organisms. Since each name has two parts so it is called binomial nomenclature e.g. biological name of human being is *Homo sapiens*, Our genus name is *Homo* and species name is *sapiens*.
