



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: ICSE 9

Max. Marks: 30 Marks

Date: 17th Oct 2018

Marking Scheme: All questions carry 10 marks each. Subparts (A) and (B) carry 3 marks each and subpart (C) carries 4 marks.

Question 1:

A. Give the scientific names of-

1. Humans.
2. Cat.
3. Mango.

B. Pick the odd one out. Give suitable reason.

1. Paramoecium, amoeba, Chlamydomonas, Euglena.
2. Mycellium, rhizopus, mosses, mushrooms.
3. Liger, Mule, Geep, Sheep.

C. Who suggested two Kingdom classification? Give three reasons why it was inadequate.

Question 2.

A. Differentiate.

1. Gymnosperms & angiosperms.
2. Algae & Fungi.
3. Thallophyta & bryophyta.

B. 1. Name the kingdom these organisms belong to:

- a. Unicellular, prokaryotic, heterotrophic organisms.
- b. Multicellular, eukaryotic, autotrophic organisms.
- c. Diatoms.

2. Name the Phylum these organisms belong to:

- a. Hibiscus.
- b. Pines.
- c. Cynobacteria.

C. Give two important features of-

1. Pteridophytes.
2. Protictista.
3. Monera.
4. Prokaryotes.

Question 3.

A. State true or false. Correct & rewrite the false ones.

1. The group of similar plants or animals which breed freely among themselves constitute a Genus.
2. The correct sequence of taxonomic categories is- Kingdom, phylum, order, class, family, genus, species.
3. Binomial nomenclature refers to writing the name of an organism in two words i.e.; Family & species.
4. Cycades are grouped under angiosperms phylum.
5. Liverworts are thallophytes.
6. Bryophytes have well developed vascular system.

B. Explain why .

1. Bryophytes are called amphibians of plantae kingdom.
2. Mosses are not included in monera kingdom.
3. Pteridophytes bear spores for reproduction.

C Answer the following.

1. Which substance forms the cell wall in fungi?
2. Why fungus is not included in plantae kingdom?
3. Give two benefits of classifying organisms into groups.