



# TEST PAPER: BIOLOGY

**Time:** 45 Minutes

**Class:** CBSE 9

**Max. Marks:** 30 Marks

**Date:** 8<sup>th</sup> Aug 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 any two characteristics of each.

- A. Pteridophytes.
- B. Phanerogames.
- C. Protista.

### B. Give reason.

1. Bryophytes are called amphibians in plants.
2. Watermelon is classified as an angiosperm.
3. Lentils are not monocots.

### C. Give the phylum these organisms belong to.

- |                      |               |              |
|----------------------|---------------|--------------|
| 1. Blue green algae. | 3. Funaria.   | 5. Marsilea  |
| 2. Lichens.          | 4. Cladophora | 6. Ulothrix. |

## Question 2.

### A. Differentiate ( two each).

1. Thallophytes & bryophytes.
2. Angiosperms & gymnosperms.
3. Plantae & animalia.

### B. Fill in the blanks with proper words.

- A. The basic unit of classification is \_\_\_\_\_.
- B. Fungi have cell-walls made of a tough complex sugar called \_\_\_\_\_.
- C. Kingdom \_\_\_\_\_ consists of saprotrophic organisms.
- D. \_\_\_\_\_ plants are those with hidden reproductive organs.
- E. Plants that do not have well-differentiated body design fall in \_\_\_\_\_ phylum.
- F. The plants of \_\_\_\_\_ group bear naked seeds.

### C. Describe the four major characteristics considered for classifying all organisms into five major kingdoms.

## Question 3.

### A. 1. Name the following.

1. An organism that is eukaryotic, unicellular and heterotrophic.
2. The plant body of this phylum is commonly differentiated to form stem and leaf-like structures.
3. This phylum includes the plants without any differentiation.

### 2. Which of the following do you think is a more basic characteristic for classifying organisms? Why?

- (a) The place where they live. (b) The kind of cells they are made of.

### B. Explain.

1. Will advanced organisms be the same as complex organisms? Why?
2. What is binomial nomenclature? Who started it?

- C. 1. How Aristotle started classifying animals? Why was it correct or misleading? Give an example.  
2. Who started five Kingdom classifications? Give complete hierarchy of classification.