



# TEST PAPER: BIOLOGY

**Time:** 45 Minutes

**Class:** CBSE 9

**Max. Marks:** 30 Marks

**Date:** 19<sup>th</sup> Sept 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 a function of each.

1. Golgi bodies.
2. Cambium.
3. Nucleolus

### B. Give a function of each of these tissues. Also mention one place where are these found.

1. Areolar tissue.
2. Aerenchyma.
3. Adipocytes.

### C. Answer the following.

1. Why should preventive measures and biological control methods be preferred for protecting crops?
2. What is the function of a neuron?
3. What are Cell organelles? Describe an organelle that contains its own DNA & present both in animal & plant cells.

## Question 2.

### A. Differentiate.

1. Tendons and ligaments.
2. Functions of SER & RER.
3. Matrix of bones & cartilage.

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

1. \_\_\_\_\_ is a Fluid connective tissue.
2. \_\_\_\_\_, \_\_\_\_\_ & \_\_\_\_\_ are the three types of plastids.
3. \_\_\_ & \_\_\_\_\_ are the types of exotic chicken breed.

### C. How are fish obtained? What is composite fish culture and name its advantages. Differentiate between marine & inland fisheries.

## Question 3.

### A. 1. Name the following.

1. Living substance inside a cell.
2. Two marine fish of high economic value.
3. The undifferentiated, loosely packed basic packing tissue in plants.
4. Scientific names of two different species of Indian cattle.

### B. Describe three types of tonicity that helps a cell to either absorb / loose /retain water and explain why-

1. Raisins left in water swell.
2. Mango pieces put in salt shrink in pickle.
3. Roots absorb water from soil.

### C. Explain.

1. What are the functions of the stomata?
2. What is the difference between apiculture & aquaculture?
3. Describe the structure & function of cardiac muscles.