



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: CBSE 9

Max. Marks: 30 Marks Date: 11th July 2018

Marking Scheme: Three questions carry 10 marks each. Questions have 3 subparts each. Subparts (a) and (b) carry 3 marks each and subpart (c) carries 4 marks.

Question 1:

A. Define:

1. Tissue.
2. Neuron.
3. Tendon.

B. Answer the following:

1. What is the function of areolar tissue?
2. How glandular epithelium tissues are formed?
3. Where is apical meristem found?
4. Which tissue makes up the husk of coconut?
5. Which tissues are found
6. What is the function of xylem fibers?

C. Differentiate between the following: (2 differences each).

1. Xylem and phloem.
2. Striated and non- striated muscular tissues.

Question 2:

A. Fill in the blanks:

1. Two bones can be connected to each other by a type of connective tissue called_____.
2. The long thin hair-like parts arising from a neuron are called_____ & the single long part is _____.
3. _____tissue is the dividing tissue present in the growing regions of the plant.
4. The solid matrix of cartilage is composed of _____ & _____.

B. Name the following:

1. Epithelium is usually separated from the underlying tissue by this tissue.
2. Many nerve fibers bound together by connective tissue.
3. Tissue that makes the lining of blood vessels.
4. An organ that contains stratified squamous epithelium.
5. Bone cells are embedded in a hard matrix that is composed of these elements.

C. Give two examples each where these tissues are found.

1. Connective tissue.
2. Cuboidal epithelium tissue.

Question 3:

A. Give reason:

1. The respiratory tract has ciliated epithelial tissues.
2. Why the epidermal cells of the roots have long hair-like parts?
3. Why epithelial tissue cells are tightly packed without intercellular space?

B. Answer the following:

1. Where do you find adipose tissue? What is its function?
2. Where do you find tall epithelial cells? What are they called?
3. What is the function of the waxy, water-resistant secretion that epidermal secrete on areal parts of plants? Cell wall, Cell membrane, nucleus, cytoplasm.

C. Label the three plant tissues in this diagram and give one characteristic of these tissues.

