

Chapter- Tissues

1 Mark Questions

1. What is meristem?
2. What is tissue?
3. Name the two types of elements found in phloem.
4. Name two specialized kinds of parenchyma.

5. Name the term for the cells having shape and size like parenchyma cells but can do photosynthesis.

2 Mark Questions

1. Name the main components of xylem. Which out of them is most suitable for carrying water?
2. Why tissues are important in multicellular organisms?
3. What are the properties of xylem tracheid and vessels?
4. What are the components of phloem?
5. Write any four points of difference between xylem and phloem.
6. Differentiate between sclerenchyma and collenchyma.
7. Write any four distinctive features of cardiac muscles.

3 Mark Questions

1. What is the difference between apical, lateral and intercalary meristem?
2. Which structures of the plant are responsible for exchange of gases and where are these located?
3. (a) Differentiate between meristematic and permanent tissues in plants.
(b) Define the process of differentiation
(c) Name any two simple and two complex permanent tissues in plants.
4. Diagrammatically show the difference between the three types of muscle fibres.
5. Diagrammatically show the difference between the different types of epithelial tissues.

5 Mark Questions

1. (a) Draw labelled diagrams representing the three major types of simple permanent tissues found in plants.
(b) Draw a labelled diagram of stomata
(c) Draw a labelled diagram of a neuron.
2. Depending on shape and function epithelial tissue can be divided into how many types? Explain the structure and function of types of epithelial tissue.