

Class IX Science Assignment

Chapter: Tissues

Section A – Multiple Choice Questions

1. Which tissue is responsible for growth in plants?
a) Parenchyma b) Meristematic tissue c) Collenchyma d) Sclerenchyma
2. Which animal tissue connects different body parts?
a) Muscular tissue b) Connective tissue c) Nervous tissue d) Epithelial tissue
3. Xylem mainly transports:
a) Food b) Water and minerals c) Oxygen d) Hormones
4. Which tissue stores food in plants?
a) Sclerenchyma b) Collenchyma c) Parenchyma d) Xylem
5. Neurons are the basic units of:
a) Epithelial tissue b) Nervous tissue c) Muscular tissue d) Connective tissue

Section B – Fill in the Blanks

1. _____ tissue is present at the growing tips of roots and shoots.
2. _____ carries food from leaves to other parts of the plant.
3. Blood is a type of _____ tissue.
4. _____ muscles are found in the heart.
5. _____ tissue protects the body from injury.

Section C – Match the Following

Column A	Column B
1. Xylem	a. Carries food
2. Phloem	b. Carries water
3. Cardiac muscle	c. Heart
4. Parenchyma	d. Stores food
5. Neuron	e. Conducts impulses

Section D – Very Short Answer Questions

1. Define tissue.
2. Write any two differences between meristematic and permanent tissues.
3. Name the four main types of animal tissues.

Section E – Short Answer Questions

1. Explain the functions of parenchyma, collenchyma and sclerenchyma.
2. Differentiate between xylem and phloem.
3. Describe the structure and function of nervous tissue.

Section F – Long Answer / Diagram

1. Draw and label the following:
 - Neuron
 - Plant vascular tissue (Xylem and Phloem)
2. Explain the different types of muscular tissues with suitable examples.

Activity / HOTS

Why do plants need different types of tissues? Explain with suitable examples.