

# SYNOPSIS

- Cell is the structural and functional unit of all living organisms.
- A group of similar cells that perform a common function and have a common origin is called a tissue
- Tissues are of two types- plant and animal tissues.
- The two types of Plant tissues are- Meristematic and Permanent tissue.
- Meristematic tissues are growth tissues and are found in the growing regions of the plant.
- Permanent plant tissues may be simple (parenchyma, collenchyma and sclerenchyma) or complex (xylem and phloem).
- Xylem helps in the upward movement of water and dissolved minerals from the roots to the different parts of the shoot.
- Phloem transports food materials from the leaves to the growing regions of the plant body.
- Xylem and Phloem together form the Vascular bundles.
- The four types of animal tissues are- Epithelial, Muscular, Nervous and Connective tissue
- The four types of epithelial tissues are- Squamous, Columnar, Cuboidal and Ciliated.
- Connective tissue connects one group of tissues to another. Some examples are blood, lymph, bone, cartilage, tendon and ligaments.
- Muscular tissue causes the movement of the body. The three types are striated, smooth and cardiac.
- Neuron is the basic unit of nervous tissue. It helps in transmission of impulses from one part of the body to the other.

# WELLAND GOULDSMITH SCHOOL

## Biology Worksheet

Subject: BIOLOGY

Class VII

Total Questions 4

Time: 20 Minutes

### WORKSHEET 1

#### Question 1

**Fill in the blank:**

- (i) The basic unit of nervous tissue is called \_\_\_\_\_ .
- (ii) \_\_\_\_\_ tissues are situated at the growing tips of roots and stems.
- (iii) \_\_\_\_\_ and \_\_\_\_\_ are together known as vascular bundles
- (iv) Epithelial cell having hair-like cilia on their free surface is called \_\_\_\_\_ .

#### Question 2

**Name the following:**

- (i) The tissue that joins the various organs of the body -
- (ii) The type of tissue that is related to brain -

#### Question 3

**State true or falls :**

- (i) Bone is a muscular tissue.
- (ii) Xylem transports food materials from the leaves.

#### Question 4

**Define :**

- (i) Cells - \_\_\_\_\_ .
- (ii) Tissues - \_\_\_\_\_ .

**Exercise:**

From the book,(pgs- 25,26,27) solve-

A, C, D, E, F, G and H