WORKSHEET 1

CHAPTER 2 – TISSUES – THE BUILDING BLOCKS OF LIFE

A. Name the following.

1. Tissue found in the wall of heart.
2. Covering of axon.
3. Only living component of xylem.
4. A flexible supporting tissue in animals.
5. Tissue which conducts impulses.

B. Fill in the blanks.

1. _____ tissue stores fat.
2. _____ helps in secondary growth.
3. _____ forms sphincter.
4. The perforated end walls of the sieve tube are called _____
5. WBC shows _____ movement.

C. State whether the following statements are True or False.

1. Parenchyma cells are thick-walled.
2. Aerolar connective tissues store fat.
3. Lymph contains RBC.
4. Collenchyma cells have intercellular spaces.
5. Sclerenchyma is a complex tissue.

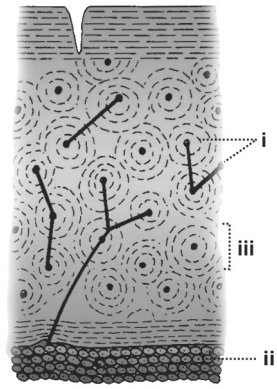
D. Match the items in Column A with those in Column B and write down the matching pairs.

Column A	Column B
1. Canaliculi	a. trachea
2. Parenchyma	b. fluid tissue
3. Smooth muscle	c. bone
4. Ciliated epithelium	d. involuntary
5. Lymph	e. storage of food

Name: ..... Teacher's signature: .....

Class: IX Date: .....

E. Study the given figure and answer the following questions.



1. Identify the given figure.
2. Label the parts **i** to **iii**.
3. Where can this structure be seen?
4. What is the function of part **i**?
5. What is the composition of matrix of this structure?

ANSWERS

WORKSHEET 1

A. Name the following.

1. Cardiac muscles
2. Medullary sheath
3. Xylem parenchyma
4. Cartilage
5. Nervous tissue

B. Fill in the blanks.

1. Adipose
2. Cambium (Lateral meristem)
3. Involuntary muscle
4. sieve plates
5. amoeboid

C. State whether the following statements are True or False.

1. False 2. False 3. False 4. True 5. False

D. Match the items in Column A with those in Column B and write down the matching pairs.

1. c. 2. e. 3. d. 4. a. 5. b.

E. Study the given figure and answer the following questions.

1. Bone tissue
2. **i.** Haversian canal

   ii. Bone marrow

   iii. Haversian system
3. Internal skeleton
4. Part **i** that is Haversian canal surround blood vessels and nerve cells throughout bones and communicate with bone cells through connections called canaliculi.
5. The compositions of matrix is phosphates and carbonates of calcium and magnesium.