



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

## WORK SHEET – 8

Class: IX

Sub: LIFE SCIENCE

Date: 15.04.2020

**Topic: Plant tissues:Simple Permanent tissue and its types**

**F.M. : 15**

**Choose the correct option:**

**(1x15=15)**

1. Tissue which have lost their power of of cell division:  
a) Cambium b) Cork cambium c) parenchyma d) none of these
2. Parenchyma is present in the following parts of the plant:  
a) root b) hypodermis of stem c) leaf epidermis d) Both (a) and (c)
3. Characteristics of Parenchyma tissue is:  
a) Cell wall is thin b) Vacuoles and nucleus are large c) intercellular spaces present d) All of these
4. Unevenly thickened cell wall are found in ..... tissue:  
a) Parenchyma b) Collenchyma c) Sclerenchyma d) Phloem parenchyma
5. The cells of Collenchyma tissues appear ..... in shape due to angular thickening.  
a) spherical b) elongated c) polygonal d) linear
6. The cell wall of collenchyma cells consists of:  
a) Cutin b) hemicellulose c) Cellulose d) all of these
7. The bundle cap Vascular Bundle comprises of :  
a) Collenchyma b) parenchyma c) Sclerenchyma d) Xylem parenchyma
8. Which simple tissue has lignified cell wall?  
a) Sclerenchyma b) Parenchyma c) Collenchyma d) Cambium
9. Characteristics of sclerenchyma tissue:  
a) Cells are dead b) Cell wall shows pits c) Elongated cells and narrow lumen d) All of these
10. The sclereids found in the pulp of fruits like guava and apples are called:  
a) Rock cells b) Sediment cells c) Stone cells d) fibres
11. The Parenchyma cells with excretory matter are called:  
a) Bulliform cells b) Raphides c) Stone cells d) idioblast
12. Which one is not a function of parenchyma cells:  
a) Storage of food b) Structural component c) Mechanical support d) Protect against injury

13. The rod shaped sclereid is called:

- a) Brachysclereids
- b) Macrosclereids
- c) osteosclereid
- d) Astrosclereid

14. The elongated sclerenchyma cells are called:

- a) Sclereids
- b) Raphides
- c) Fibres
- d) Idioblasts

15. The mechanical support is due to mainly ..... tissue.

- a) parenchyma
- b) collenchyma
- c) Sclerenchyma
- d) all of these

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