



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

## WORKSHEET – 23

Class: IX

Sub: Life Science

Date: 03.04.2021



**Topic: Ch 2 (part 9) Plant tissues- Types of Permanent tissue F.M. : 15**

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**Choose the correct option:**

**(1x15=15)**

- How many types of Simple tissues are there:  
a) two b) three c) four d) five
- The following is not an example of simple tissue:  
a) collenchyma b) sclerenchyma c) parenchyma d) xylem
- The type of parenchyma which has chloroplasts present inside them:  
a) cystolith b) aerenchyma c) chlorenchyma d) idioblasts
- The following is the chief characteristic of parenchyma tissue:  
a) Cell wall thin b) have large nucleus and have cytoplasm c) cell may be polygonal or oval in shape d) all of these
- The unevenly thickened wall shaped parenchyma cells are called:  
a) xylem b) collenchyma c) sclerenchyma d) phloem
- The following tissue is found in the stalk of petiole:  
a) intercalary meristem b) sclerenchyma c) aerenchyma d) collenchyma
- Collenchyma is found in:  
a) Mid rib of leaf b) petiole c) fruit stalk d) all of these
- The tissue responsible for the elastic and tensile strength of the fruit stalks, pedicel and leaf stalks is:  
a) parenchyma b) collenchyma c) sclerenchyma d) all of these
- The type of permanent tissue which is composed of only dead cells:  
a) sclerenchyma b) collenchyma c) parenchyma d) all of these
- The tissue responsible for the gritty nature of pear and apple pulp is:  
a) sclereids b) stone cells c) fibres d) Both (a) and (b)
- Star shaped sclereids are called:  
a) Macro sclereids b) osteosclereid c) astrosclereid d) none of these
- The tissue responsible for the mechanical strength of the plant and conduction of water:  
a) Sclerenchyma b) xylem c) cambium d) parenchyma
- The following is not a component of xylem:  
a) Xylem fibres b) tracheid c) companion cell d) vessel
- The tissue responsible for conduction of food:  
a) parenchyma b) xylem c) phloem d) none of these
- The living component of xylem is:  
a) tracheids b) trachea c) xylem fibre d) xylem parenchyma

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