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

Choose the correct option: (1x15=15)

1. How many types of Simple tissues are there:
   a) two b) three c) four d) five
2. The following is not an example of simple tissue:
   a) collenchyma b) sclerenchyma c) parenchyma d) xylem
3. The type of parenchyma which has chloroplasts present inside them:
   a) cystolith b) aerenchyma c)chlorenchyma d) idioblasts
4. 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
5. The unevenly thickened wall shaped parenchyma cells are called:
   a) xylem b) collenchyma c) sclerenchyma d) phloem
6. The following tissue is found in the stalk of petiole:
   a) intercalary meristem b) sclerenchyma c) aerenchyma d) collenchyma
7. Collenchyma is found in:
   a) Mid rib of leaf b) petiole c) fruit stalk d) all of these
8. 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
9. The type of permanent tissue which is composed of only dead cells:
   a) sclerenchyma b) collenchyma c) parenchyma d) all of these
10. The tissue responsible for the grity nature of pear and apple pulp is:
    a) sclereids b) stone cells c) fibres d) Both (a) and (b)
11. Star shaped sclereids are called:
    a) Macro sclereids b) osteosclereid c) astrosclereid d) none of these
12. The tissue responsible for the mechanical strength of the plant and conduction of water:
    a) Sclerenchyma b) xylem c) cambium d) parenchyma
13. The following is not a component of xylem:
    a) Xylem fibres b) tracheid c) companion cell d) vessel
14. The tissue responsible for conduction of food:
    a) parenchyma b) xylem c) phloem d) none of these
15. The living component of xylem is:
    a) tracheids b) trachea c) xylem fibre d) xylem parenchyma

Shaista Ahmed