ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTIONS – 22

Class: IX Sub: Life Science Date: 29.03.2021

Topic: Ch 2 (part 8) Plant tissues- Types of Meristematic tissue F.M. : 15

Choose the correct option: (1x15=15)

1. The following is a characteristic of plant tissues:
   a) cells with same origin b) cells with similar function c) cells have similar structure d) all of these
2. The tissue in which the cells are in active state of division is called:
   a) Simple tissue b) Permanent tissue c) meristematic tissue d) complex tissue
3. The following part does not have meristematic tissue:
   a) Shoot tip b) ground tissue c) root tip d) leaf tip
4. The following is the chief characteristic of meristematic tissue:
   a) Dense cytoplasm with large nucleus b) thick cell wall c) intercellular space present d) large vacuoles
5. …… types of meristematic tissues are found in the plant on the basis of their position.
   a) 2 b) 3 c) 4 d) 5
6. The meristematic tissue found on the shoot apex is called:
   a) intercalary meristem b) apical meristem c) lateral meristem d) none of these
7. The intercalary meristem is found:
   a) At the Root apex b) in between the nodes c) leaf tips d) at the shoot apex
8. The meristematic tissue responsible for the increase in length of the plant is called ……. meristem
   a) apical b) intercalary c) lateral meristem d) all of these
9. The lateral meristem helps in:
   a) elongation of internode b) increase in length c) increase in girth of the plant d) all of these
10. Increase in growth is also associated with …….. growth of the plant.
    a) secondary b) primary c) embryo developmental d) all of these
11. The cambium ring is formed by the joining of the:
    a) Cork cambium and fascicular cambium b) interfascicular cambium and cork cambium c) fascicular and interfascicular cambium d) only cork cambium
12. Pro meristem is found in the:
    a) Shoot tip b) root apex c) vascular bundles d) both (a) and (b)
13. The following is not an example of lateral meristem:
    a) Cambium b) cork cambium c) pro meristem d) all of these

14. The tissue which has lost the power of division is called:
    a) permanent tissue b) meristematic tissue c) filling up tissue d) none of these
15. How many types of permanent tissues are there?
    a) one b) two c) three d) four

Shaista Ahmed