

1. The location of apical membrane is
  - a. Lateral sides of roots and shoot
  - b. In between the vascular bundles
  - c. At the tips of root and shoots
  - d. Between apex and mature areas of roots and shoots
2. Which of the following statement is incorrect for secondary meristems?
  - a. They regenerate the part of grasses damaged by grazers
  - b. They are cylindrical meristems
  - c. They occur in the mature regions of roots and shoots
  - d. They appear later than primary meristems in the life of a plant
3. All of the following statements are correct for cells of parenchyma, except
  - a. They are generally isodiametric
  - b. They have lignified cell walls
  - c. They may be spherical, oval, polygonal or elongated in shape
  - d. They are the mature cells
4. Collenchyma tissue is a \_\_\_\_\_ tissue.
  - a. Living and non-mechanical
  - b. Dead and Mechanical
  - c. Living and mechanical
  - d. Dead and non-mechanical
5. Sclerenchyma tissue is a \_\_\_\_\_ tissue.
  - a. Living and non-mechanical
  - b. Dead and mechanical
  - c. Living and mechanical
  - d. Dead and non-mechanical
6. Xylem fibres possess obliterated central lumen due to very thick walls. This help in the function of
  - a. Conduction
  - b. Storage of food
  - c. Mechanical support
  - d. Both (b) & (c)
7. Tracheids are found in all the following plants, except
  - a. Pteridophytes
  - b. Gymnosperms
  - c. Bryophytes
  - d. Angiosperms
8. Lignin is deposited in net-like manner in which of the following types of thickening in inner walls of tracheids?
  - a. Annular
  - b. Spiral
  - c. Scalariform
  - d. Reticulate
9. Which of the following is a living Component of Xylem?
  - a. Xylem fibres
  - b. Tracheids
  - c. Vessels
  - d. Xylem parenchyma
10. Intercalary meristem is related to all, except
  - a. Present between permanent cells
  - b. Primary meristem
  - c. Increasing the girth of axis
  - d. Regenerates part of grasses removed by grazing herbivores