

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