

CLASS: 9
SUBJECT – SCIENCE
CHAPTER – 6 TISSUE
CONCEPT – PLANT TISSUE
WORKSHEET – 1 MCQ

Multiple Choice Questions

1. Which of the following tissues has dead cells?
 - (a) Parenchyma
 - (b) Sclerenchyma
 - (c) Collenchyma
 - (d) Epithelial tissue
2. Find out incorrect sentence
 - (a) Parenchymatous tissues have intercellular spaces
 - (b) Collenchymatous tissues are irregularly thickened at corners
 - (c) Apical and intercalary meristems are permanent tissues
 - (d) Meristematic tissues, in its early stage, lack vacuoles
3. Girth of stem increases due to
 - (a) apical meristem
 - (b) lateral meristem
 - (c) intercalary meristem
 - (d) vertical meristem
4. Which cell does not have perforated cell wall?
 - (a) Tracheids
 - (b) Companion cells
 - (c) Sieve tubes
 - (d) Vessels
5. Meristematic tissues in plants are
 - (a) localised and permanent
 - (b) not limited to certain regions
 - (c) localised and dividing cells
 - (d) growing in volume
6. Which is not a function of epidermis?
 - (a) Protection from adverse condition
 - (b) Gaseous exchange
 - (c) Conduction of water
 - (d) Transpiration
7. The dead element present in the phloem is
 - (e) companion cells
 - (f) phloem fibres

- (g) phloem parenchyma
 - (h) sieve tubes
8. In desert plants, rate of water loss gets reduced due to the presence of
- (i) cuticle
 - (j) stomata
 - (k) lignin
 - (l) suberin
9. A long tree has several branches. The tissue that helps in the sideways conduction of water in the branches is.
- (a) collenchyma
 - (b) xylem parenchyma
 - (c) parenchyma
 - (d) xylem vessels
10. If the tip of sugarcane plant is removed from the field, even then it keeps on growing in length. It is due to the presence of
- (a) Cambium
 - (b) apical meristem
 - (c) lateral meristem
 - (d) intercalary meristem
11. A nail is inserted in the trunk of a tree at a height of 1 metre from the ground level. After 3 years the nail will
- (a) move downwards
 - (b) move upwards
 - (c) remain at the same position
 - (d) move sideways
12. Parenchyma cells are
- (a) relatively unspecified and thin walled
 - (b) thick walled and specialised
 - (c) lignified
 - (d) none of these
13. Flexibility in plants is due to
- (a) collenchyma
 - (b) sclerenchyma
 - (c) parenchyma
 - (d) chlorenchyma
14. Cork cells are made impervious to water and gases by the presence of
- (a) cellulose
 - (b) lipids

- (c) suberin
 - (d) lignin
15. Survival of plants in terrestrial environment has been made possible by the presence of
- (a) intercalary meristem
 - (b) conducting tissue
 - (c) apical meristem
 - (d) parenchymatous tissue
16. The water conducting tissue generally present in gymnosperm is
- (a) vessels
 - (b) sieve tube
 - (c) tracheids
 - (d) xylem fibres