

CLASS IX- BIOLOGY

TISSUE

Assignment-2

MULTIPLE CHOICE QUESTION - 2.1

1. A permanent plant tissue consisting of thin walled living cells is
(A) parenchyma (B) collenchyma (C) Sclerenchyma (D) xylem
2. A permanent plant tissue made up of living having thickening at the comers is
A) Sclerenchyma (B) collenchyma (C) parenchyma (D) phloem
3. The main function of Sclerenchyma is to help in the
(A) conduction of food (B) synthesis of food
(C) exchange of gases (D)mechanical support
4. The wall of cork cells are thickened by the deposition of
(A) cutin (B) suberin (C) lignin (D) pectin
5. The wax like substance present in the cell wall of onion skin is
(A) pectin (B) lignin (C) cellulose (D) suberin
6. The outer wall of epidermis in stems and leaves has a waxy covering made up of
(A) lignin (B) suberin (C) pectin (D) cutin
7. Collenchyma differs from Sclerenchyma in
(A) retaining cytoplasm at maturity (B) having thick walls
(C) having a wide lumen (D) being Meristematic
8. Lignified elongated bead cells are
(A) parenchyma (B) collenchyma (C) sclerenchyma (D) Epidermis
9. Which of the following plant tissue lacks protoplasm at matunty ?
(A) Sclerenchyma (B) Collenchyma (C) parenchyma (D) Epidermis
10. In plants phloem tissues perform the function of
(A) conduction of water (B) conduction of food
(C) photosynthesis (D)mechanical support

SUBJECTIVE QUESTION - 2.2

VERY SHORT ANSWER TYPE QUESTIONS

1. sieve tubes and companion cells are found in..... tissue (xylem/phloem/collenchyma)
2. Long, narrow, dead cells having a thick deposition of lignin in the cell wall are called Cells.
(parenchyma/ cambium / sclerenchyma)
3. Which tissue is responsible for transport of water in plants ?

SHORT ANSWER TYPE QUESTIONS

4. Name the different elements of xylem and phloem.
5. In hydrophytes xylem is less developed, why ?

LONG ANSWER TYPE QUESTION

6. Mention the role of parenchyma, collenchyma & Sclerenchyma.

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