



CLASS -7

**Subject: biology** **Date:11/05/2020**

**Topic: Plant Tissue (recap)** **Time Limit:60 minutes**

## **Worksheet No.:4**

Children, now that we have completed all the topics from this chapter, please revise the notes provided in WS1, WS2, and WS3. Also open the link given below and go through the video in which the whole chapter has been compiled. I am sure it will definitely help you to understand this chapter better.

<https://youtu.be/8CJAJxDyOXk>

Now that you have revised the notes from all the three worksheets it's time to **assess yourself** .

*[Copy the questions and solve them on a sheet of paper datewise . Keep the worksheet ready in a file to be submitted on the opening day]*

### **Q1)Give one word for the following:-**

1. The cell deposits of sclerenchyma tissue-----
2. A group of cells performing similar functions-----
3. A type of plant tissue which have completely dead cells-----
4. A meristematic tissue that brings elongation in stems and roots-----
5. A tissue which conducts food from the leaves to various plant parts-----

### **Q2)State if the following are true or false. Correct the false statement.**

1. Meristematic cells are small and thin walled.
2. The permanent tissues have actively dividing cells.
3. The meristematic tissues arise from the permanent tissue.
4. Sclerenchyma tissue consists of thick -walled, dead cells'

5. Phloem is an example of complex permanent tissue

**Q3) Choose the odd one out and give scientific reasons.**

1. Xylem , parenchyma , collenchyma , sclerenchyma
2. Companion cell , vessels , sieve tubes , xylem
3. Vessels , companion cells , sieve tubes , collenchymas
4. Apical , lateral , intercalary , epidermis.
5. Parenchyma , collenchymas , sclerenchyma , meristematic

**Q4) Match the following:-**

Column A	Column B
1.Tissues have actively dividing cells.	a)Epidermis
2.Outermost covering of plant parts	b)Meristematic
3. Xylem	c)Sclerenchyma
4.Lignin deposits are found in	d)Chlorenchyma
5.A spongy plant tissue that takes part in photosynthesis.	e)Complex permanent tissue

**Q5) Answer the following:-**

1. Name the vascular tissues of plants.
2. What are the different types of meristematic tissues in plant?
3. What are permanent tissue? What is so special about them?
4. Why is epidermis called as protective covering of plant?
5. Name the types of simple permanent tissue. Which of these types of plant tissue take part in
  - a)take part in photosynthesis?
  - b)give roughness and rigidity to different parts of plant?
  - c)is flexible and elastic in nature?
6. What are complex permanent tissue? Why are they called so?