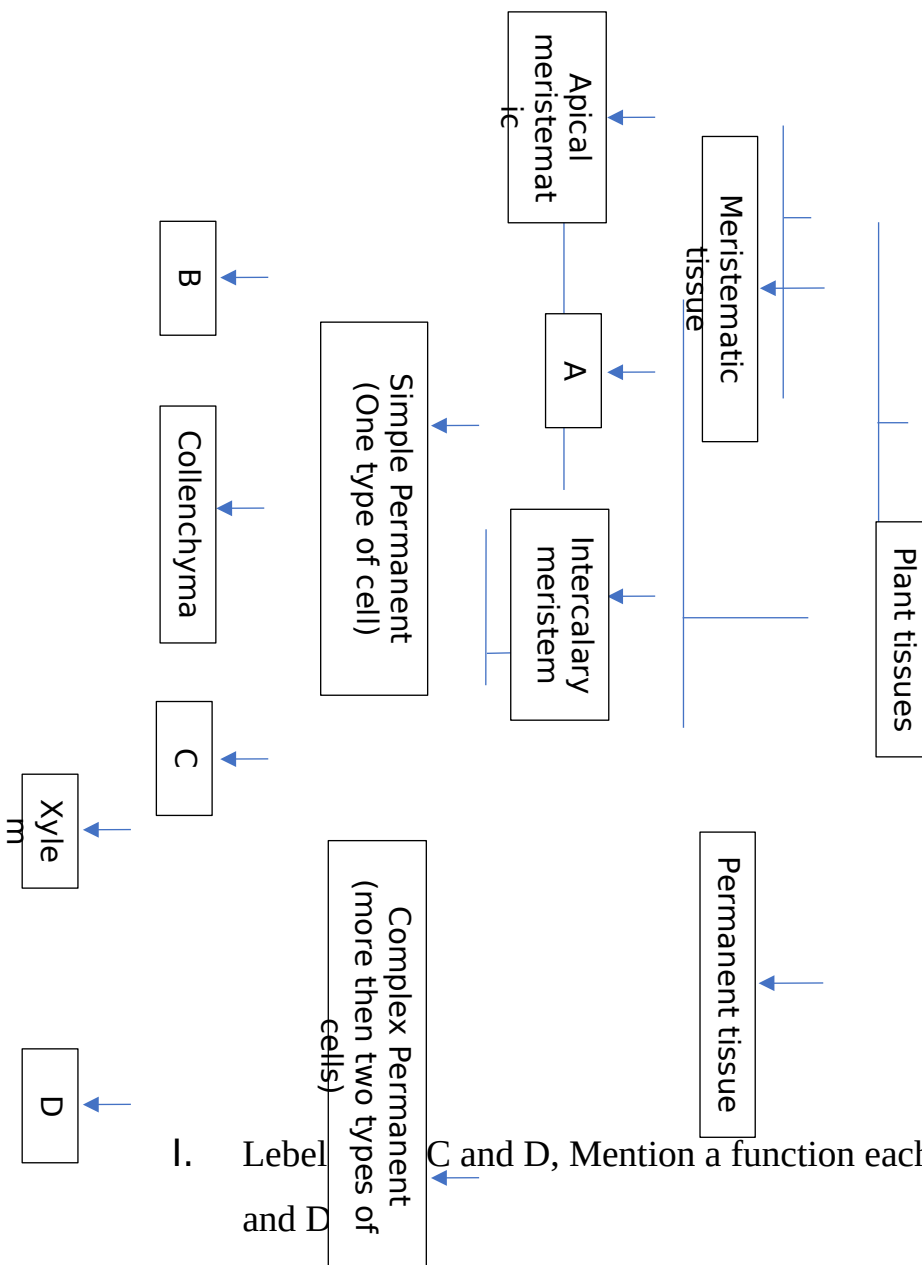


**Activity Sheet (Living tissues part 01)**

1. What is meant by the tissue?
2. What are the two types of tissues in organism?
3. Plant tissues can be divided into two groups according to the ability of cell division. Mention them.
4. What are meristematic tissues?
5. Mention the features of meristematic tissues
6. What are the three types of meristematic tissues present in specific location of plant
7. Mention the functions of meristematic tissues
8. Permanent tissues are two types mention them.
9. According to the shape of cell and the nature of wall three types of simple permanent tissues can be seen. Mention them.
10. What is parenchyma tissue?
11. Mention the features of parenchyma tissues
12. Name the locations of parenchyma tissues
13. Mention the functions of parenchyma tissues
14. What is meant by collenchyma tissue?
15. Mention the features of collenchyma tissue. Mention the location of collenchyma tissue
16. Write functions of collenchyma tissues
17. What are sclerenchyma tissues?
18. Mention the two types of sclerenchyma tissues
19. What are the features of sclerenchyma tissues?
20. Mention the location of sclerenchyma tissues
21. Write the functions of sclerenchyma
22. What are the two types of complex permanent tissues? Label them.

23. What are the four different types of cells in xylem tissues. Mention them as living and non-living
24. What are the main functions of xylem tissue?
25. Phloem tissue is composed of four different types cells mention them as living cells and non-living cells.
26. Write the functions of sieve tube elements, companion cells
27. What are the function of phloem tissue?
28. The classification of plant tissues is given in following chart.

Filling the blanks A,B,C and D.



II. State a structural feature that help to differentiate the tissue C and D

29. Consider the following features.

A. – Nucleus is present peripherally in the cytoplasm

B. – Having spherical cells with a large central vacuole

C. – No intercellular spaces

Of the above features, the features of parenchyma tissues are.

i. Only A and B

ii. Only B and C

iii. Only A and C

iv. All A, B and C

30. Which option correctly. Indicates the main functions of xylem and phloem tissue in a plant.

	Xylem	Phloem
1	Transport water	Mechanical support
2	Mechanical support	Transport of water
3	Transport of water	Translocation of food
4	Translocation of food	Mechanical support