

ANATOMY IN FLOWERING PLANTS
WORKSHEET- 1

1	Name the two types of sclerenchyma.	1
2	What are trichomes? Write their function.	1
3	List the three tissue systems in plants.	1
4	What are bulliform cells? Write their function.	2
5	Differentiate between	2
	a) Exarch and endarch	
	b) Protoxylem and metaxylem	
6	Differentiate the following:	2
	1. Spring wood and autumn wood	
	2. Heartwood and sapwood.	
7	Give two differences between gymnosperms and angiosperms with respect to complex tissues.	2
8	What are lenticels? Write their function.	2
9	Point out the differences between the structure of a monocot and dicot leaf.	3
10	Design a flow chart showing different types of plant tissues.	3
11	Name the complex tissues and mention their component elements and their function.	3
12	Explain the anatomy of dicot root.	3
13	Describe the structure of a dicot stem.	3
14	What is periderm? How does the periderm formation take place in the dicot stem?	5
15	Make a table showing occurrence, structure and function of different types of simple tissues.	5
16	List the anatomical differences between dicot stem and monocot stem.	5
17	With the help of schematic diagrams, explain the process of secondary growth in the stems of woody angiosperms. write its significance?	5
18	Describe the secondary growth in roots.	5
