



## BIOLOGY CH:6-ANATOMY OF FLOWERING PLANTS

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: XI Sec: A\_\_

1.	Differentiate between 1. Endarch and Exarch xylem 2. Heart wood and sap wood 3. Monocot stem and dicot stem 4. Tracheid and vessel 5. Phellum and phelloderm 6. Vascular cambium and cork cambium 7. Conjoint and radial vascular bundle 8. Primary xylem and secondary xylem 9. Amphivasal and ampicribal vascular bundle
2.	With the help of suitable examples describe the various types of vascular bundles in plants 1. Give anatomical difference (internal) between dicots and monocots 2. Give four differences between meristematic and permanent tissues 3. What is bicollateral vascular bundle?
3.	Give reasons Annual rings are clearly marked in plants growing in temperate regions.
4.	The bulk of a tree trunk consists of secondary xylem
5.	Casparian strips are found in the cells of endodermis in monocot roots.
6.	Leaves of grasses roll in dry weather.
7.	Answer the following <b>BOARD QUES</b> Give an account of the activity of the cambium in the secondary growth of the stem
8.	What is the most significant role of pericycle?
9.	What is the function of bulliform cells in grasses? With the help of suitable examples describe the various types of vascular bundles in plants
10.	Give anatomical difference (internal) between dicots and monocots
11.	Give four differences between meristematic and permanent tissues
12.	What are annual rings ?write its significance
13.	Write the characteristic features of cork cells .