

Name _____

Period _____

Ms. Foglia

Date _____

AP: CHAPTER 35: PLANT STRUCTURE AND GROWTH

1. List the basic plant organs with their functions.

a. _____

b. _____

c. _____

2. What is the adaptive value of root hairs? _____

3. List several types of leaves and examples of their functions.

4. List and indicate functions of several organelles unique to plant tissues.

5. Give a brief description and example of the following plant tissues.

a. Xylem _____

b. Phloem _____

c. Parenchyma _____

d. Collenchyma _____

e. Sclerenchyma _____

f. Epidermis/Protective _____

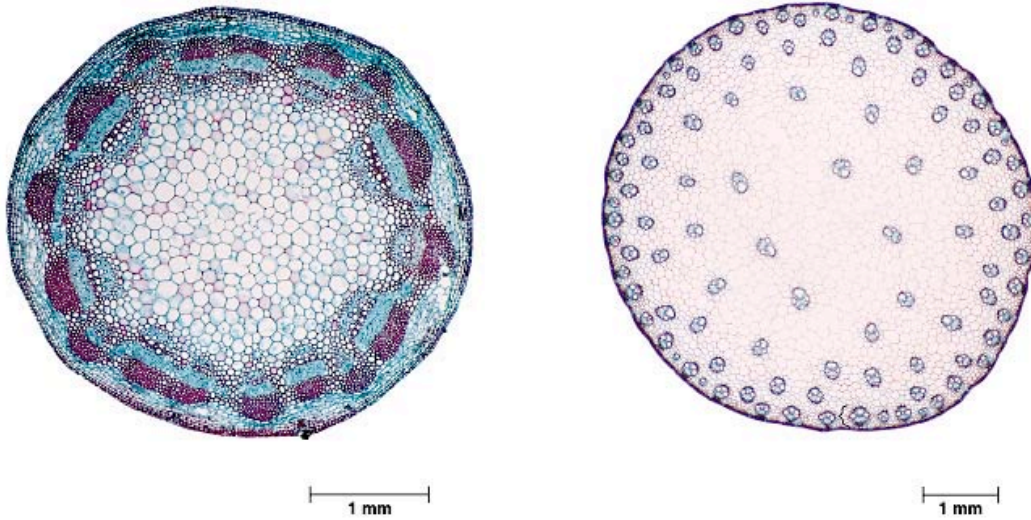
6. List & describe the three primary growth tissues.

a. _____

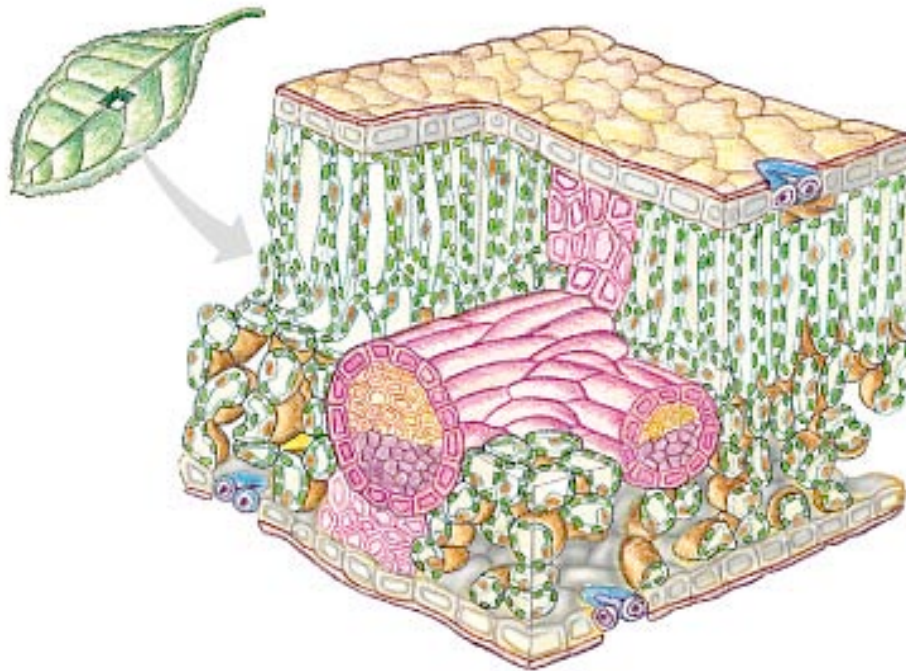
b. _____

c. _____

7. Label the diagrams of the stems and indicate the functions of the tissues.



8. Label the diagram of the leaf and indicate the function of the tissues.



9. What is the role of the stomata? _____

10. Label the diagram of a cross-section through a woody stem and indicate the functions of the tissues.

