1. What is the function of the root cap?

2. How old was the tree when it was cut down (pg 103)?

3. The area at Area C is blacked from a fire that affected one side of the tree. Describe how the tree grew after the fire.

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the structures in which food is made. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the waxy layers that help plants reduce water loss.

5. What are the functions of a stem? (list 3)

6. What 3 substances enter and leave a plant through stomata?

7. If you forget to water a houseplant for a few days, would its stomata be open or closed? Why?

8. Draw and label parts of the seed (Embryo, Cotyledons, seed coat)

9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the small, leaf like parts of a flower. They protect the developing flower.

10.\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are usually the most colorful parts of a flower. Pollinators are attracted by their color and scent.

11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are the male reproductive parts of a flower. Pollen is produced in the anther, at the top of the stalk like filament.

12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are the female reproductive parts of a flower. They consist of a sticky stigma, a slender tube called the style, and a hollow structure called the ovary at the base.

13. Animals are helpful to plants in the process of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. Which of the following is NOT part of a flower’s pistil?

A. stigma B. Ovary C. Style D. anther

15. Which part of a plant is responsible for absorbing water and minerals and anchoring the plant?