Lesson 5-7 Test

Fruits, Leaves and Roots

**Fruits**

**Multiple Choice:** Write the letter of the word that best answers the question.

1. What’s the difference between a fruit and a vegetable? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\_\_\_\_\_\_\_\_\_ 2. Which one is not a way seeds are dispersed?

 A. Water B. Wind

 C. Pollination D. Mechanical

3. What’s one way an animal disperses seeds? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Are the following plants fruits or vegetables? Write F for Fruit and V for Vegetable

\_\_\_\_\_\_\_\_\_ 4. Green bean

\_\_\_\_\_\_\_\_\_ 5. Watermelon

\_\_\_\_\_\_\_\_\_ 6. Cucumber

\_\_\_\_\_\_\_\_\_ 7. Carrot

**Leaves**

\_\_\_\_\_\_\_\_\_ 8. What are the mouths of a leaf called?

 A. Bocas B. Stomata

 C. Eaters D. Chlorophyll

\_\_\_\_\_\_\_\_\_ 9. A leaf takes in \_\_\_\_ from the air and put back \_\_\_\_ into the air.?

 A. Carbon Dioxide, Oxygen B. Oxygen, Carbon Dioxide

 10. What would happen if a plant lost all of its leaves? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11.What is the main job of photosynthesis? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. During Transpiration, what gets released from the leaf? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_ 13. Along with chlorophyll, carbon dioxide and water—what else does a plant need to go through photosynthesis?

 A. oxygen B. shade

 C. sunlight D. sugar

\_\_\_\_\_\_\_\_\_ 14. The very tip of the leaf is called the \_\_\_\_\_.

 A. Apex B. Midrib

 C. Margin D. Blade

**Roots**

\_\_\_\_\_\_\_\_\_ 15. Which is NOT one of the main purposes for roots?

 A. Hold plant in place B. Protect ground from erosion

 C. Absorb water/nutrients D. Look pretty

\_\_\_\_\_\_\_\_\_ 16. How long can root hairs live?

 A. 6 weeks B. 6 years

 C. 6 days D. 6 seconds

17. How do roots grow? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Label the root systems pictured below: Taproot or Fibrous



18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 19. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_ 20. What kind of geophyte is a potato?

 A. Rhizome B. Tuber

 C. Bulb D. Corm