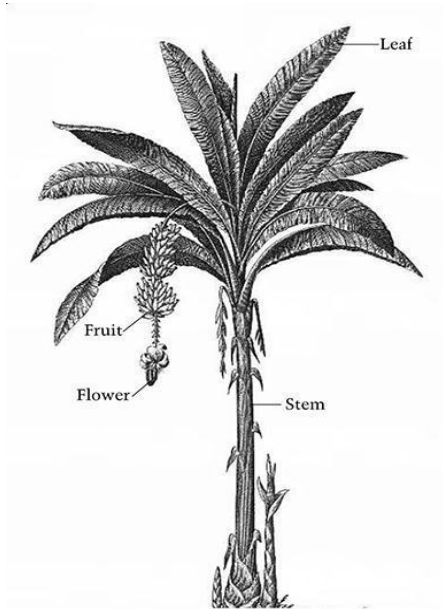


Name: _____

Date: _____ Class: _____

Structure and Function of Living Organisms

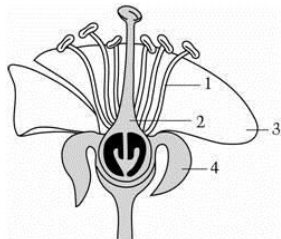
1.



Look at the banana plant shown above. What part of this plant helps it get the most light?
(6.L.1.1)

- A Green fruit
- B A peeling, thick stem
- C Wide, long leaves
- D Brightly colored flowers

2.



Which two numbers in the picture above of a flower show the male and female parts? (6.L.1.1)

- A 1 and 2
- B 2 and 3
- C 2 and 4
- D 3 and 4

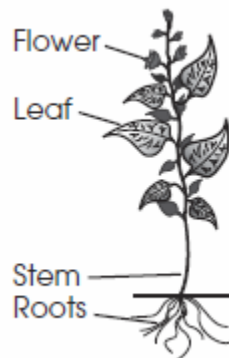
3. Which part of the flower is the pistil? (6.L.1.1)

- A. Female
- B. Male
- C. Nonliving
- D. Non Functional Part

4. Which of the following is the male flower part? (6.L.1.1)
- A. Sepal
 - B. Pistil
 - C. Seed
 - D. Stamen
5. What does the length of night or dark periods control in flowering plants? (6.L.1.1)
- A. Reproduction
 - B. Flowering
 - C. Smell
 - D. Color
6. What gas do plants take in from the air for photosynthesis? (6.L.1.2)
- A. Carbon Dioxide
 - B. Oxygen
 - C. Helium
 - D. Hydrogen
7. Which factor would affect photosynthesis the least? (6.L.1.2)
- A. Amount of carbon dioxide in the air
 - B. Nitrates in the soil
 - C. Amount of light
 - D. Availability of water in the soil
8. In most animals and plants, cellular respiration produces _____. (6.L.1.2)
- A. Carbon dioxide and glucose
 - B. Oxygen and nitrogen
 - C. Oxygen and water
 - D. Carbon dioxide and water
9. The main result of respiration is the _____. (6.L.1.2)
- A. Conversion of light energy into chemical energy
 - B. Building of muscles
 - C. Storage of energy
 - D. Production of energy from the breakdown of food
10. The loss of water through stomata is called _____. (6.L.1.2)
- A. Transpiration
 - B. Respiration
 - C. Inspiration
 - D. Condensation

11. Some trees are dormant during the winter in order to _____. (6.L.2.2)
- Survive the cold
 - Keep their leaves
 - Make new leaves
 - Preserve their trunk
12. While animals undergo hibernation during the winter, plants undergo _____. (6.L.2.2)
- Migration
 - Camouflage
 - Dormancy
 - Reproduction
13. What is an example of a plant part and a stimulus to which it has negative tropism? (6.L.2.2)
- Roots and gravity
 - Stems and gravity
 - Shoot tips and sunlight
 - Tendrils and trellis wire
14. Which statement illustrates tropism? (6.L.2.2)
- A stem bends toward the light
 - An apple develops from a flower
 - Water moves through vascular tissue
 - Carbon dioxide exits a stem
15. Which statement best illustrates a response to a stimulus? (6.L.2.2)
- Insects chew on the leaves of a maple tree
 - The roots of a willow tree grow toward water
 - A plant produces oxygen
 - A bean plant absorbs minerals from the soil
16. What structure on this plant makes seeds so that the plant can reproduce? (6.L.1.1)
- leaf
 - root
 - stem
 - flower

Soybean Plant



17. Which of the following best describes the role of roots and stems in a plant?
- A. Roots and stems transport water and minerals to the leaves so that photosynthesis can occur.
 - B. Roots and stems help the plant move and keep cool in hot weather.
 - C. Roots and stems transport water and minerals to the flower to attract bees so that pollination can occur.
 - D. Roots and stems are where photosynthesis takes place.
18. What plant process produces water, carbon dioxide, and energy? (6.L.1.2)
- A. cell division
 - B. photosynthesis
 - C. growth
 - D. respiration
19. What is a function of stomata? (6.L.1.2)
- A. photosynthesis
 - B. to guard the interior cells
 - C. to allow sugar to escape
 - D. to permit the release of oxygen
20. What are the products of photosynthesis? (6.L.1.2)
- A. glucose and oxygen
 - B. carbon dioxide and water
 - C. chlorophyll and glucose
 - D. carbon dioxide and oxygen