**Quiz: Plant Structures – Answer Key**

*Section 1: True & False*

*Determine whether the statements below are true or false.*

1. The petals of a flower have no function other than being pretty. **F**

2. Stems produce nectar. **F**

3. The female part of a plant is called the stigma. **T**

4. The male part of a plant is called the anther. **T**

5. Stems are usually branched and leafy. **T**

6. Flowers can have multiple stamens. **T**

*Section 2: Multiple Choice*

*Choose the best answer.*

7. Traits of plants include \_\_\_\_\_\_\_\_\_\_.

A. They are multicellular.

B. They contain cellulose.

C. They carry out photosynthesis.

**D. All of the above.**

8. Photosynthesis is \_\_\_\_\_\_\_\_\_\_.

**A. The process in which plants produce food.**

B. The process in which plants produce leaves.

C. The process in which plants produce fruits.

D. None of the above.

9. All of the following animal types are pollinators ***except*** \_\_\_\_\_\_\_\_\_\_.

A. Birds

B. Insects

**C. Reptiles**

D. None of the above.

10. What does pollination result in?

A. Fertilization

B. Reproduction

**C. All of the above.**

D. None of the above.

*Section 3: Free Response:*

*Answer the questions to the best of your knowledge.*

11. What part of a plant takes in food and water?

**Roots take in food and water.**

12. How might seeds from a plant be spread?

**Seeds from a plant might be spread by wind.**

13. What role do birds and insects play regarding plants?

**Birds and insects act as pollinators of plants.**

14. What is the function of thorns in a plant?

**Thorns serve as protection for plants.**

15. What is photosynthesis?

**Photosynthesis is the process in which plants use sunlight to produce food.**