

## **Biology K/H Exam Review – Unit 9: Plants/Photosynthesis 2018**

1. What will a plant produce that performs photosynthesis? (Two answers)
2. What is the photosynthesis equation? Label the reactants and products.
3. What is the function of the chloroplast **AND** mitochondria?
4. Name the two types of vascular tissue and give the function of each.
5. Monomers of a carbohydrate?
6. What is the function of the stomata?
7. What gas is taken in by the stomata **AND** what gas is released from the stomata?
8. What is the difference between Angiosperms and Gymnosperms?
9. Draw **AND** explain what a tap root and fibrous root are.
10. List Kingdom Plantae characteristics. (Four answers)
11. Give the function of roots, stems and leaves.
12. Give the function of the cell wall. What tough carbohydrate is the cell wall made of?
13. Why are flowers important to angiosperms?
14. What are the leaves of ferns called?
15. What is an ovary in a plant and its function?
16. What part of the plant are pollen grain produced from?
17. What are the four categories of plants? Common ancestor?
18. How are seeds dispersed (moved)?
19. What is geotropism, phototropism, and thigmotropism?
20. What is the function of ATP? How is energy released?
21. Name the products of the light-dependent reaction and the Calvin Cycle.
22. Why do most plants appear green?
23. Where do all plants receive their initial energy from to go through photosynthesis?
24. What do guard cells do for the stomata?
25. What are the differences between passive and active transport?

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