

### Test Review-Photosynthesis/Cell Respiration/Plants/Circulation

1. Draw and label all 3 parts of an ATP molecule.
2. Where do plants get their energy?
3. Light absorbing molecules in chlorophyll are called \_\_\_\_\_.
4. What are the products of light dependent reactions?
5. What is the main product of light independent reactions?
6. Where does a plant get the carbon to make sugar?
7. What is glycolysis?
8. What are the 3 main steps of cellular respiration?
9. How many ATP molecules are released during cellular respiration?
10. What is the chemical equation for cellular respiration?
11. Write the equation for cellular respiration in words.
12. What is lactic acid fermentation? Give an example.
13. What is alcoholic fermentation? Give an example.
14. How are photosynthesis and cellular respiration similar?
15. How are photosynthesis and cellular respiration different?
16. What are the 2 vascular tissues of a plant?
17. What purpose does xylem serve?
18. What purpose does phloem serve?
19. What is the main function of the plant stem?
20. How are guard cells and stomata "related"? What is the function of each?
21. What part of a plant exhibits the most photosynthetic activity?
22. What is the difference between arteries and veins?
23. What are capillaries?
24. How is the circulatory system of an animal similar to the vascular system of plants?