Science Test – Chapter 5 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 1. \_\_\_\_organ
 | 1. The process by which cells use oxygen to obtain usable energy from an energy source
 |
| 1. \_\_\_\_cellular respiration
 | 1. The process by which cells obtain energy from an energy source without using oxygen
 |
| 1. \_\_\_\_aerobic cellular respiration
 | 1. The green pigment that aids in capturing light energy necessary for photosynthesis
 |
| 1. \_\_\_\_ anaerobic cellular respiration
 | 1. Anaerobic cellular respiration that produces alcohol and carbon dioxide from glucose
 |
| 1. \_\_\_\_alcoholic fermentation
 | 1. Two or more tissues that work together to perform a specific function
 |
| 1. \_\_\_\_lactic acid fermentation
 | 1. Water pressure inside a plant cell’s central vacuole; causes the stiffness of the plant cell
 |
| 1. \_\_\_\_photosynthesis
 | 1. The process by which cells obtain usable energy from energy sources
 |
| 1. \_\_\_\_chlorophyll
 | 1. A type of anaerobic cellular respiration that produces lactic acid from sugar
 |
| 1. \_\_\_\_tissue
 | 1. A group of similar cells that together perform a specific function
 |
| 1. \_\_\_\_turgor pressure
 | 1. The process that forms simple sugars from carbon dioxide and water, using light energy in the presence of chlorophyll
 |

Multiple choice: Choose the best answer that fulfills each statement.

1. \_\_\_\_ What is the most common energy source in cellular respiration?
	1. Sugar
	2. Salt
	3. Oxygen
	4. Enzymes
2. \_\_\_\_ When the functions of an organism are performed by different parts of the body is called \_\_\_\_\_\_\_\_?
	1. Cellular respiration
	2. Photosynthesis
	3. Division of labor
	4. Catalysts
3. \_\_\_\_ Which organelle is associated with recharging certain molecules during cellular respiration?
	1. Lysosomes
	2. Rhibosomes
	3. Mitochondria
	4. Golgi bodies
4. \_\_\_\_ In what organelle does photosynthesis occur?
	1. Lysosomes
	2. Golgi bodies
	3. Vacaoules
	4. Chloroplasts
5. \_\_\_\_ The main product of photosynthesis is \_\_\_\_\_\_\_?
	1. Lactic acid
	2. Carbon dioxide
	3. Sugar
	4. Chlorophyll

What is the equation for photosynthesis?

What is the equation for cellular respiration?

Extra Credit:

The water molecules the produce turgor pressure collect inside the cell in the large \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?