Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

Biology Test – Module #6

Matching: Match each term with the correct definition.

|  |  |
| --- | --- |
| 1. \_\_\_\_ Absorption
 | 1. A network of fibers that holds the cell together, helps to keep its shape, and aids in movement
 |
| 1. \_\_\_\_ Digestion
 | 1. A jelly-like fluid inside the cell in which the organelles are suspended.
 |
| 1. \_\_\_\_ Respiration
 | 1. The study of cells
 |
| 1. \_\_\_\_ Secretion
 | 1. A rigid structure on the outside of certain cells, usually plant and bacteria cells
 |
| 1. \_\_\_\_ Cytology
 | 1. The organelles where proteins and lipids are stored and then modified to suit the needs of the cell
 |
| 1. \_\_\_\_ Cell Wall
 | 1. The transport of dissolved substances into cells
 |
| 1. \_\_\_\_ Plasma Membrane
 | 1. A highly-porous membrane that separates the nucleus from the cytoplasm
 |
| 1. \_\_\_\_ Cytoplasm
 | 1. The organelle in animal cells responsible for hydrolysis reactions that break down proteins, polysaccharides, disaccharides, and some lipids
 |
| 1. \_\_\_\_ Mitochondria
 | 1. The breakdown of absorbed substances
 |
| 1. \_\_\_\_ Lysosome
 | 1. The semi-permeable membrane between the cell contents and either the cell wall or the cell’s surroundings
 |
| 1. \_\_\_\_ Ribosomes
 | 1. The release of biosynthesized substances
 |
| 1. \_\_\_\_ Golgi Bodies
 | 1. Vacuoles that contain the waste products of digestion
 |
| 1. \_\_\_\_ Waste Vacuoles
 | 1. Non-membrane-bound organelles responsible for protein synthesis
 |
| 1. \_\_\_\_ Nuclear Membrane
 | 1. The breakdown of food molecules with a release of energy
 |
| 1. \_\_\_\_ Cytoskeleton
 | 1. Organelles in which nutrients are converted to energy
 |

Multiple Choice: Choose the best answer for each question.

1. \_\_\_\_\_ The \_\_?\_\_ is known as the “control center” of the cell?
	1. Mitochondria
	2. Golgi bodies
	3. Nucleus
	4. Plasma membrane
2. \_\_\_\_ Which organelle makes proteins?
	1. Mitochondria
	2. Lysosomes
	3. Golgi bodies
	4. Ribosomes
3. \_\_\_\_ Which organelle acts as a storage place?
	1. Vacuoles
	2. Golgi bodies
	3. Nucleus
	4. Endoplasmic reticulum
4. \_\_\_\_ Which organelle is known as the “recycling center”
	1. Mitochondria
	2. Lysosomes
	3. Golgi bodies
	4. Ribosomes
5. \_\_\_\_ Which organelle is known as the “powerhouse of the cell”
	1. Mitochondria
	2. Ribosomes
	3. Lysosomes
	4. Vacuoles
6. \_\_\_\_ Which organelle packages and ships proteins.
	1. Mitochondria
	2. Lysosomes
	3. Golgi bodies
	4. Ribosomes
7. \_\_\_\_ Which two organelles are used to move the cell?
	1. Mitochondria
	2. Lysosomes
	3. Cilia
	4. Flagella

True or false: Determine whether each statement is true or false.

1. \_\_\_\_ The cell is the smallest living unit.
2. \_\_\_\_ There are some living things that are not made of cells.
3. \_\_\_\_ All cells come from other cells.
4. \_\_\_\_ One of the three functions that a cell performs is Digestion.
5. \_\_\_\_ Most cells are microscopic.