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.