**Cell Theory and Organelles Quiz**

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

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| \_\_\_\_\_\_ 1. Cell | 1. Supporting network of long, thin protein fibers that form the framework for the cell and provide an anchor of the organelles.
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| \_\_\_\_\_\_ 2. Cell Theory | 1. Temporary storage sac for water, nutrients or waste within cells.
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| \_\_\_\_\_\_ 3. Plasma Membrane | 1. Specialized structures that carry out specific cell functions.
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| \_\_\_\_\_\_ 4. Organelle | 1. Within the nucleus where proteins are manufactured.
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| \_\_\_\_\_\_ 5. Eukaryotic Cell | 1. Short, numerous projections that look like hairs.
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| \_\_\_\_\_\_ 6. Nucleus | 1. Environment inside the plasma membrane that is semi-fluid.
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| \_\_\_\_\_\_ 7. Prokaryotic Cell | 1. Vesicles that contain substances to digest excess or worn-out organelles and food particles.
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| \_\_\_\_\_\_ 8. Cytoplasm | 1. The organelles that help manufacture proteins.
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| \_\_\_\_\_\_ 9. Cytoskeleton | 1. Contain a nucleus and other organelles that are bound by membranes.
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| \_\_\_\_\_\_ 10. Ribosome | 1. Organelles made of microtubules that function during cell division.
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| \_\_\_\_\_\_ 11. Nucleolus | 1. Long, whip-like projections for movement.
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| \_\_\_\_\_\_ 12. Golgi Body | 1. Fundamental ideas of modern biology and includes three principles.
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| \_\_\_\_\_\_ 13. Vacuole | 1. A thick, rigid, mesh of fibers that surround the outside of the plasma membrane to protect the cell, and gives it support.
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| \_\_\_\_\_\_ 14. Lysosome | 1. Cells without a nucleus or other membrane-bound organelles.
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| \_\_\_\_\_\_ 15. Centriole | 1. Energy generators that convert fuel into useable energy,
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| \_\_\_\_\_\_ 16. Mitochondria | 1. The basic structure and functional unit of all living organisms.
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| \_\_\_\_\_\_17. Chloroplast | 1. A membrane system of folded sacs and interconnected channels that serve as the site for protein and lipid synthesis.
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| \_\_\_\_\_\_ 18. Cell Wall | 1. Organelles that capture sunlight energy and turn it into chemical energy through the process of photosynthesis.
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| \_\_\_\_\_\_ 19. Endoplasmic Reticulum  | 1. Distinct central organelle that contains the cell’s genetic information in the form of DNA.
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| \_\_\_\_\_\_ 20. Cilium | 1. A flattened sac of membranes that modifies, sorts, and packages proteins into sacs known as vesicles.
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| \_\_\_\_\_\_ 21. Flagellum | 1. A boundary that helps control what enters and what leaves the cell.
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Score \_\_\_\_\_\_\_\_\_\_/ 21 points \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_%