

Cell Organelle Quiz

1. The _____ is a rigid layer of nonliving materials that surrounds plant, some fungi, and some bacterial cells.
 - a. Cell Membrane
 - b. Cell Wall
 - c. ER
 - d. Mitochondria
2. The _____ surrounds all cells and is selectively permeable to substances entering and leaving the cell.
 - a. Cell membrane
 - b. Cell Wall
 - c. ER
 - d. Mitochondria
3. The _____ contains DNA and is the control center for the cell.
 - a. Cytoplasm
 - b. Mitochondria
 - c. Ribosomes
 - d. Nucleus
4. The _____ is bean shaped and is responsible for energy production inside of eukaryotic cells.
 - a. Ribosomes
 - b. Mitochondria
 - c. ER
 - d. Golgi Body
5. The _____ is porous to allow things to enter and leave the nucleus.
 - a. Cell Membrane
 - b. Cell Wall
 - c. Chromatin
 - d. Nuclear Membrane or Nuclear Envelope

6. The _____ are attached to the surface of the ER and free floating in the cytoplasm. Their function is to produce proteins.
- Mitochondria
 - Ribosomes
 - Cytoplasm
 - Lysosomes
7. The _____ are responsible for taking energy from the sun and making food for a plant and some bacterial cells.
- Mitochondria
 - Ribosomes
 - Chloroplast
 - ER
8. The _____ are flattened sacs and tubes that receive proteins and other substances from the ER, package them, and distribute them to other parts of the cell.
- ER
 - Golgi Bodies
 - Mitochondria
 - Lysosomes
9. The _____ are small, bubble shaped sacs that act as storage devices for the cell.
- Vacuoles
 - Lysosomes
 - Cell Membrane
 - ER

10. The _____ are small, bubble like sacs that contain digestive enzymes used for breaking down food particles and old cell parts inside the cell.
- Lysosomes
 - Vacuoles
 - ER
 - Ribosomes
11. A _____ is a cell lacking membrane bound organelles and a nucleus.
- Eukaryote
 - Human Kidney Cell
 - Prokaryote
 - Virus
12. A _____ is a cell with a nucleus and membrane bound organelles.
- Eukaryote
 - Prokaryote
 - Human Kidney Cell
 - Virus
13. There are two types of Endoplasmic Reticulum, the Smooth Er and the Rough ER.
- True
 - False
14. A flagella is a whip-like tail used by some cells for movement in their environment.
- True
 - False
15. Which group of cells evolved first (Oldest)?
- Eukaryotes
 - Plants
 - Algae
 - Prokaryotes

