

Cell Structure and Function Worksheets



Name :

Date :

Directions: Match the following organelles to their function

- | | |
|--|-------------------|
| 1. storage and digestion (____) | A. Nucleus |
| 2. packaging of molecules (____) | B. Ribosomes |
| 3. generates energy (ATP) (____) | C. Cytoplasm |
| 4. lack of true nucleus (____) | D. Mitochondria |
| 5. rigidity/strength/protection (____) | E. Lysosomes |
| 6. membrane-bound nucleus. (____) | F. Golgi Aparatus |
| 7. ER that lacks ribosomes (____) | G. Rough ER |
| 8. where ribosomes are attached (____) | H. Smooth ER |
| 9. used mainly for movements (____) | I. Cell wall |
| 10. used for digestion/removal (____) | J. Nucleolus |
| 11. holds cell components (____) | K. Cell Membrane |
| 12. turns amino acids to proteins (____) | L. Chloroplast |
| 13. chlorophyll containing (____) | M. Vacuole |
| 14. monitors what enter/exit (____) | N. Flagella |
| 15. structure within the nucleus (____) | O. Prokaryote |
| 16. stores genetic information (____) | P. Eukaryote |

ANSWER KEY



Cell Structure and Function Worksheets

Directions: Match the following organelles to their function

- | | |
|--|-------------------|
| 1. storage and digestion (<u>M</u>) | A. Nucleus |
| 2. packaging of molecules (<u>F</u>) | B. Ribosomes |
| 3. generates energy (ATP) (<u>D</u>) | C. Cytoplasm |
| 4. lack of true nucleus (<u>O</u>) | D. Mitochondria |
| 5. rigidity/strength/protection (<u>I</u>) | E. Lysosomes |
| 6. membrane-bound nucleus. (<u>P</u>) | F. Golgi Aparatus |
| 7. ER that lacks ribosomes (<u>H</u>) | G. Rough ER |
| 8. where ribosomes are attached (<u>G</u>) | H. Smooth ER |
| 9. used mainly for movements (<u>N</u>) | I. Cell wall |
| 10. used for digestion/removal (<u>E</u>) | J. Nucleolus |
| 11. holds cell components (<u>C</u>) | K. Cell Membrane |
| 12. turns amino acids to proteins (<u>B</u>) | L. Chloroplast |
| 13. chlorophyll containing (<u>L</u>) | M. Vacuole |
| 14. monitors what enter/exit (<u>K</u>) | N. Flagella |
| 15. structure within the nucleus (<u>J</u>) | O. Prokaryote |
| 16. stores genetic information (<u>A</u>) | P. Eukaryote |