

Cell Organelles Test

Part I – Matching: Match each organelle in Column A with its correct function in Column B.

Column A

1. Nucleus
2. Ribosome
3. Mitochondria
4. Vacuole
5. Chloroplast
6. Cell membrane
7. Cytoplasm
8. Cell wall

Column B

- A. Produces energy
- B. Stores water and food
- C. Controls the activities of the cell
- D. Makes proteins
- E. Controls what enters and leaves the cell
- F. Makes food through photosynthesis
- G. Supports and protects plant cells
- H. Jelly-like material inside the cell

Part II – Fill in the Blank: Use the word bank to complete each sentence.

Word Bank

nucleus mitochondria chloroplasts ribosomes cytoplasm
vacuole cell membrane cell wall

9. The _____ is known as the control center of the cell.
10. _____ are called the powerhouse of the cell.
11. The _____ controls what enters and exits the cell.
12. Plant cells contain _____ for photosynthesis.
13. The jelly-like material inside the cell is called _____.
14. _____ help make proteins for the cell.
15. The _____ stores water, food, and waste materials.
16. The _____ gives plant cells extra support and protection.

Part III – True or False: Write T or F

17. _____ Ribosomes help produce proteins.
 18. _____ Animal cells have cell walls.
 19. _____ Chloroplasts are found in plant cells.
 20. _____ The nucleus contains DNA.
 21. _____ Cytoplasm is located outside the cell.
 22. _____ Mitochondria help release energy from food.
 23. _____ The cell membrane is found in both plant and animal cells.
 24. _____ Vacuoles are used for storage.
 25. _____ Cell walls are only found in plant cells.
 26. _____ Chloroplasts produce energy through photosynthesis.
 27. _____ Organelles are tiny structures inside cells that perform specific jobs.
 28. _____ Prokaryotic cells contain a nucleus.
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