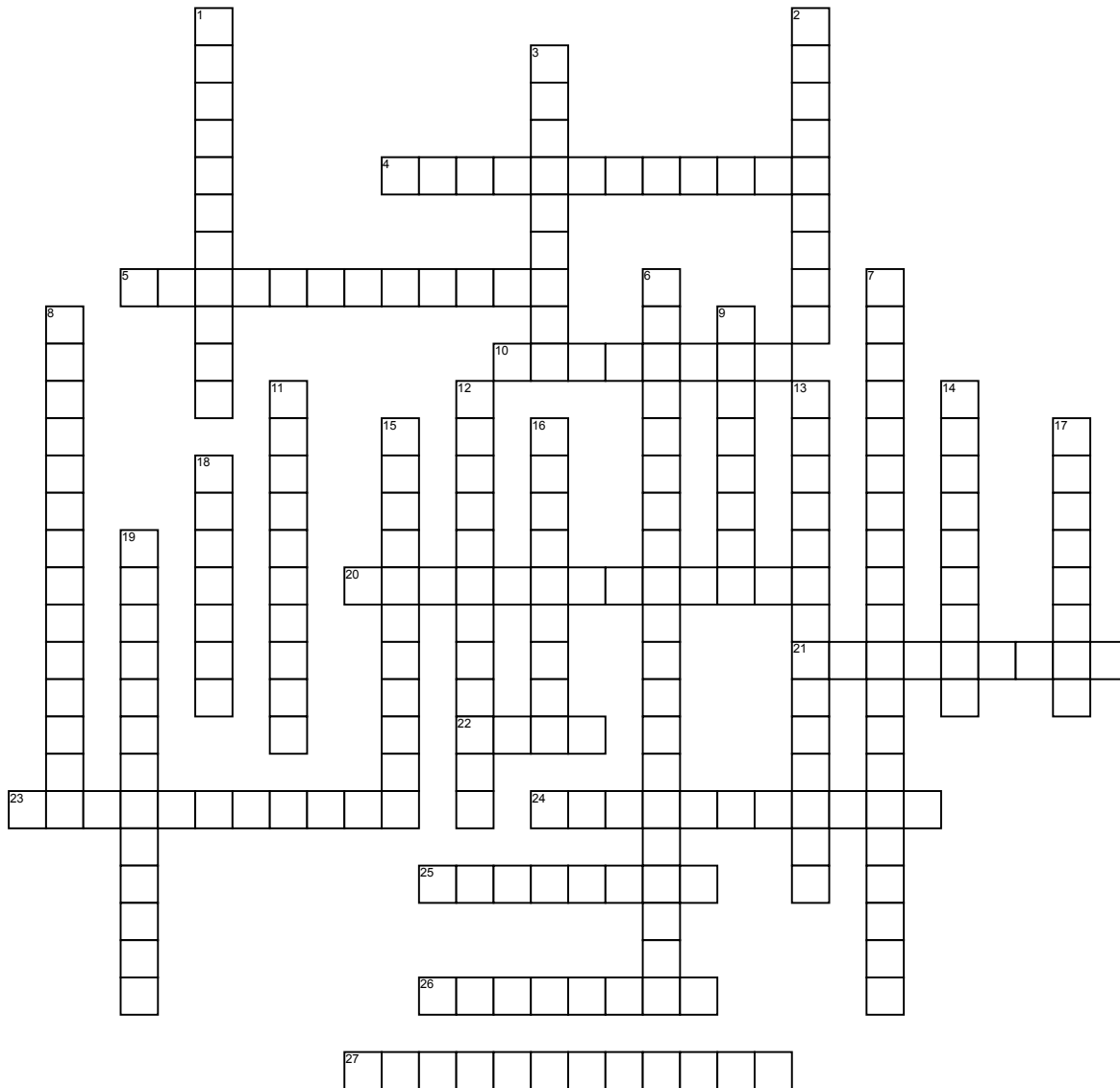


Module 6 Study Guide Crossword Part 1



Across

4. The process by which a cell engulfs foreign substances or other cells.
 5. The organelles in which nutrients are converted to energy.
 10. ER that has no ribosomes.
 20. The thin film between the cell walls of adjacent plant cells.
 21. The removal of soluble waste materials.
 22. Substances in which at least one atom has an imbalance of protons and electrons.
 23. Organelles that store starches or oils
 24. Maintaining the status quo.
 25. The organelle in animal cells responsible for hydrolysis reactions that break down proteins, polysaccharides, diascarhides, and some lipids.
 26. The study of cells

27. Organelles that contain pigments used in photosynthesis.

Down

1. The breakdown of food molecules with a release of energy.
 2. The breakdown of absorbed substances.
 3. A jellylike fluid inside the cell in which the organelles are suspended.
 6. The motion of cytoplasm in a cell that results in a coordinated movement of the cell's contents.
 7. An organelle composed of an extensive network of folded membranes that performs several tasks within a cell.
 8. A large vacuole that rests at the center of most plant cells and is filled with a solution that contains a high concentration of solutes

9. A rigid structure on the outside of certain cells, usually plant and bacteria cells.

11. The transport of dissolved substances into cells.
 12. Producing more cells
 13. The semipermeable membrane between the cell contents and either the cell wall or the cell's surroundings.
 14. Non-membrane-bound organelles responsible for protein synthesis.
 15. The organelles in which proteins and lipids are stored and then modified to suit the needs of the cell.
 16. The release of biosynthesized substances.
 17. The removal of nonsoluble waste materials.
 18. ER that is dotted with ribosomes.
 19. Vacuoles that contain the waste products of digestion.