

Name: _____

Date: _____

Biology I

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| 1. regulation and maintenance of constant internal conditions in an organism | A. lipid |
| 2. proposed explanation or answer to a scientific question | B. solution |
| 3. specific region of DNA that codes for a particular protein | C. selective permeability |
| 4. group of organisms so similar to one another that they can breed and produce fertile offspring | D. element |
| 5. proposed explanation for a wide variety of observations and experimental results | E. homeostasis |
| 6. substance made of only one type of atom that can't be broken down by chemical means | F. chloroplast |
| 7. attraction between molecules of the same substance | G. protein |
| 8. mixture that is consistent throughout; also called a homogeneous mixture | H. cohesion |
| 9. molecule composed of carbon, hydrogen, and oxygen; includes sugars and starches | I. gene |
| 10. non-polar molecule composed of carbon, hydrogen, and oxygen; includes fats and oils | J. carbohydrate |
| 11. polymer composed of amino acids linked by peptides | K. theory |
| 12. condition in which reactants and products of a chemical reaction are formed at the same rate | L. hypothesis |
| 13. protein that catalyzes chemical reactants for organisms | M. enzyme |
| 14. membrane-bound structure that is specialized to perform a distinct process within a cell | N. equilibrium |
| 15. organelle composed of numerous membranes that are used to convert solar energy into chemical energy; contains chlorophyll | O. organelle |
| 16. condition or quality of allowing some, but not all, materials to cross a barrier or membrane | P. species |