

Biology Vocabulary Study Sheet 1

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| 1. abiotic factors | Nonliving components of environment. |
| 2. amino acids | Building blocks of proteins; 20 different types in the human body. |
| 3. biotic factors | All the living organisms that inhabit an environment. |
| 4. aerobic | Process that requires oxygen. |
| 5. anaerobic | Process that does not require oxygen. |
| 6. homeostasis | A tendency to maintain a balanced or constant internal state; the regulation of any aspect of body chemistry, such as blood glucose, around a particular level. |
| 7. asexual reproduction | Process by which a single parent reproduces by itself. |
| 8. sexual reproduction | A reproductive process that involves two parents that combine their genetic material to produce a new organism, which differs from both parents. |
| 9. active transport | Energy-requiring process that moves material across a cell membrane against a concentration difference. |
| 10. allele | Different forms of a gene. |
| 11. antigen | A protein that, when introduced in the blood, triggers the production of an antibody. |
| 12. bilateral symmetry | Body plan in which only a single, imaginary line can divide the body into two equal halves. |
| 13. biome | A group of ecosystems that share similar climates and typical organisms |
| 14. biodiversity | The variety of life in the world or in a particular habitat or ecosystem. |
| 15. biomass | Total amount of living tissue within a given trophic level. |