
Biology 103 Exam 1 Practice Questions with Correct Answers

What are the characteristics of all living things? ☒ organization, acquisition of materials and energy, homeostasis, response, reproduction and development, adaptable

What is the smallest unit of life ☒ cell

what is a metabolism ☒ all reactions in a cell

- What are the levels of organization of living things (in the right order from least to largest)? ☒ Atom, molecule, cell, tissue, organ, organ system, organism, population, community, ecosystem, biosphere

What is an atom ☒ Smallest particle of an element

what is a molecule ☒ Union of two or more atoms of same or different elements

What is a cell ☒ Structural and functional unit of all living things

What is a tissue? ☒ Group of cells with common structure and function

What is an organ? ☒ Tissues functioning together for a specific purpose

What is an organ system? ☒ a group of organs working together

what is an organism ☒ An individual living thing, contain organ systems

What does food provide? ☒ nutrients and energy

What is a nutrient? ☒ vitamins and minerals

what is energy ☒ the ability to do work

What is homeostasis? ☒ a state of biological balance

what provides instructions for the organization and metabolism of living things ☒ dna

What is adaptation? ☒ modifications that make an organism better suited for an environment

Practice Exam For Biology 103

Mary Wuerth



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