

Day 50

Biology

All-in-One High School

Define/explain the following terms. (ANSWERS)

surface tension: when water molecules at the surface of a body of water cling tightly together

solute - the substance that is dissolved in a solution

Inorganic compounds are those that do not contain carbon

Proteins - macromolecules containing carbon, hydrogen, oxygen and nitrogen; proteins are considered the building blocks of tissue

Multicellular: An organism with many cells

A mutation: is any change in the genetic code that results in a physical or behavioral change

Cell membrane: Outer layer of the cell that helps control what comes into and what goes out of the cell.

Chloroplasts: Organelles in plant and algae cells that contain the green pigment chlorophyll that captures the sun's energy.

Osmosis: water across the plasma membrane from areas of high concentration of solute (the dissolved substance in the water) to areas of lower concentration (less of the dissolved substance in the water.)

Hypotonic: a solution surrounding a cell has a lower concentration of the dissolved substance than the cell itself.

Variable - one factor in an experiment that is 'manipulated' or changed from the control group

Qualitative data - information that is not easily quantified but is observed with senses

Definitions from: GVL Biology [http://gavirtuallearning.org/Resources/SharedBiology\(ScienceCopy\).aspx](http://gavirtuallearning.org/Resources/SharedBiology(ScienceCopy).aspx)