

Role Of Water And Homeostasis

USATestprep, Inc. Puzzle

Name: _____ Teacher: _____ Date: _____



1. Process requiring energy for the movement of particles across a cell membrane against the concentration gradient.
2. This is the structural and functional unit of all living organisms, and are sometimes called the "building blocks of life."
3. A thin, flexible, semipermeable barrier around the cell which regulates what enters and leaves the cell.
4. The process when molecules tend to move from an area of high concentration to an area of low concentration.
5. This is the process where cells engulf material from outside their cell membranes.
6. This is the transport of material out of a cell by means of a sac or vesicle that first engulfs the material and then is extruded through an opening in the cell membrane.
7. This is a regulation of the internal environment of an organism.
8. A solution that causes a cell to shrink because of the high concentration of solute in the solution surrounding the cell.
9. A solution that causes a cell to swell because of osmosis.
10. When the concentration of solute and solvent are equal on both sides of the membrane.
11. The movement of water through a selectively permeable membrane from an area of high concentration to low concentration.
12. A non-energy requiring process that moves materials across a cell membrane with the concentration gradient.
13. This is the uneven distribution of bonding electrons in a molecule creating partially positive and negative sides of that molecule.
14. The substance that dissolves the solute.
15. Two parts hydrogen and one part oxygen, this polar molecule is responsible for life on earth.