

Questions:

What is homeostasis?

What is the general term for 2 or more atoms bonded together?

- a) Compound
- b) Mixture
- c) Molecule
- d) Ion

Anatomy is the study of:

- a) How body parts function
- b) The structure of body parts and their relationships
- c) Chemical levels only
- d) Organ systems exclusively

The levels of structural organization, in order from smallest to largest, begin with:

- a) Tissue, cell, chemical, organ
- b) Chemical level (atoms, molecules, organelles), then cellular level
- c) Organ system, organ, tissue
- d) Organismal, system, organ

The integumentary system:

- a) Pumps blood through the body
- b) Forms the external body covering, protects deeper tissues, and synthesizes vitamin D
- c) Secretes hormones for growth
- d) Filters blood in the kidneys

Metabolism includes:

- a) Only catabolism (breakdown of molecules)
- b) The sum of all catabolism and anabolism in body cells
- c) Only anabolism (synthesis of molecules)
- d) Physical mixtures without chemical reactions

What is the difference between a single and a double covalent bond?

What is a synthesis reaction?

How do catalysts affect chemical reactions?

What is the main function of the cardiovascular system?