Review Guide for Anatomy

Anatomy

Physiology

Principle of complementarity

Life functions: movement, digestion, excretion, responsiveness, metabolism, etc

Survival needs: O2, temp, food, pressure, water

Homeostasis

Relative positions: deep/superficial, distal/proximal, superior/inferior, etc

Body regions

Serous membranes – layers, fluid, purpose

Necessity of chemistry

Parts/characteristics of atoms

Functions of water

Functions of electrolytes

Organic compound elements

Functions/characteristics of: fats, proteins, carbs

Cell characteristics – parts of all

Stem cell – definition, functions/potential

Solutions cells are in and their response to it

Movement through the membrane

Cancer characteristics

Tissues – definitions, functions of simple, stratified, smooth muscles, heart muscle, collagen

ABCDE rule of moles

Functions of skin and each part (layers, cells, structures)

Burns, colors (what makes skin red, blue, etc)