Body Organization/Terminology:
Know the different body regions and quadrants and what organs might be found in them.
Know the different levels of organization from the atomic level to the organism level.
Know the different body cavities.
Know your plane sections (saggital, coronal, transverse, etc.)
What is histology?
Know your body region terms (ex. poplitial, cervical, gluteal, etc.).
What is homeostasis and why is it important?
What are positive and negative feedback systems and how do they affect homeostasis?
What is the anatomical position and why is it important?
Know the different types of membranes (parietal, visceral, pericardium, pleural, etc.).

Chemistry:
What is the structure of an atom? What are the 3 subatomic particles & their properties?
How do electrons determine atomic reactivity?
What are the different types of chemical bonds?
What is an enzyme and why are they important?
What is the pH scale and how does it work? What is an acid? A base?
What is the primary structure of a protein? Secondary structure? Tertiary? Quartenary?
Be able to recognize structural formulas of molecules (ex. carbohydrates, fats, proteins, etc.).
Be able to recognize and interpret chemical formulas (ex. H=H, C_6H_{12}O_6).
What are the different types of chemical reactions (ex. synthesis, decomposition, etc.).

Molecules and Cells:
Be able to recognize and explain the structure of a cell/plasma membrane.
What is diffusion? What is osmosis? What is filtration? What conditions affect these processes?
What is DNA? How does it differ (structurally & functionally) from RNA?
What is the base pair rule?
Know the different intracellular organelles and their functions.

Histology:
What are the different types of epithelial, connective, muscle & nervous tissues, their characteristics and functions? Be able to recognize them.
What is the difference between exocrine and endocrine glands?

Skin:
What are the different layers of the epidermis? Of the dermis?
What are the different structures (glands, muscles, nerves, receptors, etc.) found in the skin and their functions?
Know the different types of sweat & modified sweat glands (ex. eccrine, apocrine, sebaceous, ceruminous, etc.) and what they secrete.
What is Porpheria and what is its historical significance?
What are the different types of burns? What is the immediate danger from serious burns? What is the rule of nines?
What is male pattern baldness and what causes it?