

A&P Chapter 1 “Introduction” – Concepts to Know

Principle of complementarity of structure and function, pg 3

The different levels of structural organization of the human body.

The 11 organ systems, and the major functions of each.

Relationship between metabolism, catabolism and anabolism.

How negative and positive feedback mechanisms work, and common examples of each.

The three components of homeostatic control.

What the anatomical position is.

How to use anatomical directional terms.

The major body cavities, and how the basic membranes run that envelope them.

The four quadrants of the abdominopelvic regions.

Basic uses and limitations of the basic kinds of medical imaging (pgs 18-19)

How the scientific method is really done.

Importance of peer review and different ways it can be done.

How to effectively design a controlled experiment.

How to read graphs – dependent and independent variables, etc.

