CP Biology Physiology Study Guide

Endocrine System
- Function and Structure (Including glands: adrenal, pancreas, pituitary, thyroid)
- Hormone (functions)

Exocrine glands

Homeostasis
Feedback Inhibition

Nervous System
- Function and Structure – neurons (impulses, action potential, neurotransmitters)

Central Nervous System – function
- Cerebrum
- Medulla oblongata

Peripheral Nervous system
- Sensory
- Motor

Somatic Nervous System
Reflex

Integumentary System
- Function and Structure

Circulatory System (include blood, WBCs = “Memory B’ & “Helper T”)
- Function and Structure

Kidney function

Lymphatic System
- Structure and Function

Respiratory System
- Structure and Function

Pathogens
Infectious Diseases
Facultative Anaerobes
Viruses
- Structure (proteins and Nucleic Acids) and Lytic Cycle
- HIV / AIDS

Vaccine (function)
Prophage
Bacteria – Infections, growth requirements, identification
Antibiotics
Fever
Antibodies and Antigens
Inflammatory Response
Nonspecific Defenses