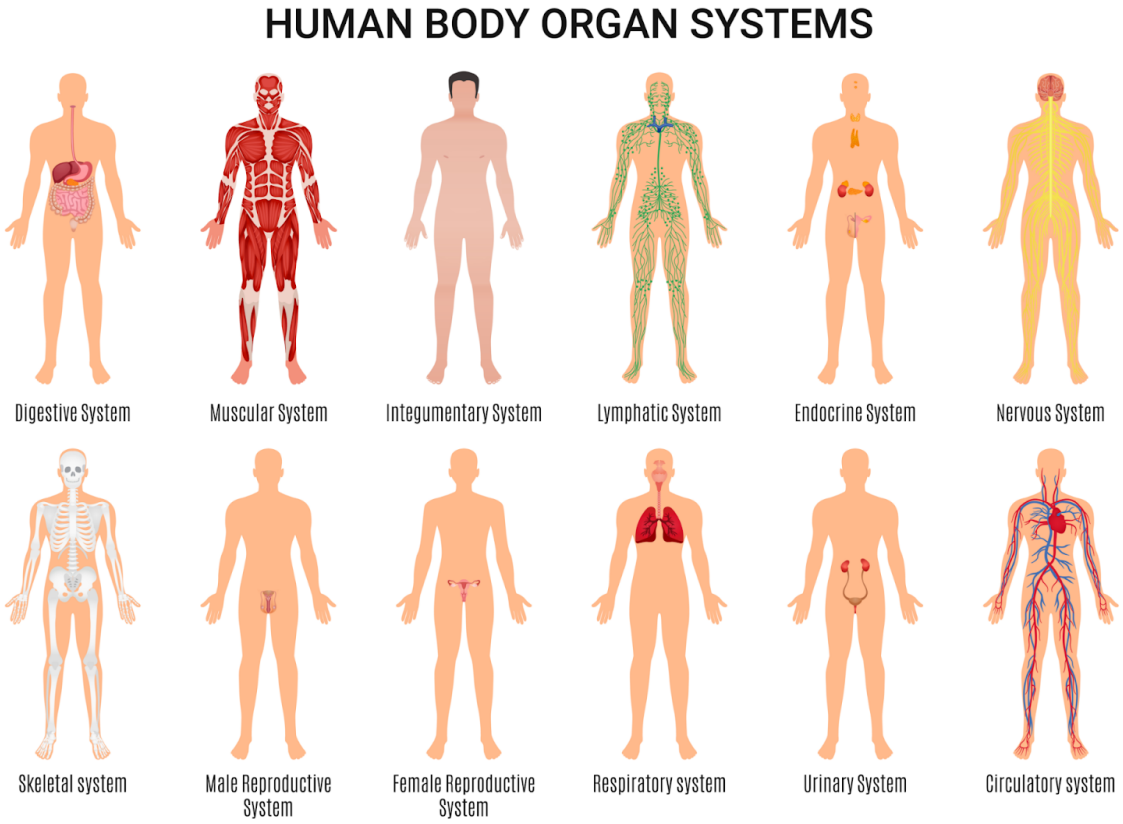

Nervous System: composed of the brain, spinal cord, sensory organs, and neurons, responsible for how we interact with and respond to our environment by controlling the function of other body systems

Digestive System: composed of stomach, intestines, colon, liver, pancreas, and other organs, responsible for breaking down food for the body to absorb

Muscular System: composed of skeletal, cardiac, and smooth muscle and is responsible for voluntary and involuntary movements

Integumentary System: composed of skin, responsible for protection, maintaining body temperature, vitamin D, detection of pain and sensation, and involved in vitamin D synthesis

Lymphatic System: composed of collection of vessels, responsible for maintaining fluid levels in body tissues and in immune response

Endocrine System: composed of collection of glands throughout the body responsible for creating hormones

Skeletal System: composed of bones and cartilage and is involved in mechanical support, protection, blood cell protection, etc.

Reproductive System: composed of internal and external sex organs, responsible for sexual and reproductive functions

Respiratory System: consists of the larynx, trachea, bronchi, and lungs, and is responsible for bringing oxygen into the body and expelling carbon dioxide from the body

Urinary System: consists of kidney, ureters, and urinary bladder, responsible for regulating body's fluid volume and maintaining blood pH

Cardiovascular System: composed of the heart and circulatory system of blood vessels, responsible for transporting oxygen and nutrients throughout the body and eliminating carbon dioxide and metabolic waste