

HUMAN ORGAN SYSTEMS

NAME _____

PERIOD _____

SKELETAL SYSTEM:

Structures: Bones

Function: provides structure, supports and protects internal organs

MUSCULAR SYSTEM:

Structures: Muscles

Function: provides structure, supports and moves trunk and limbs, moves substances through body.

Voluntary Muscles: Muscles you choose to control. (e.g. skeletal muscles)

Involuntary Muscles: Muscles whose movements you can't choose to control. (e.g. heart, digestive system)

INTEGUMENTARY SYSTEM:

Structures: skin, hair, nails

Function: protects against pathogens, helps regulate body temperature, help maintain homeostasis

CARDIOVASCULAR SYSTEM:

Structures: heart, blood, blood vessels

Function: Transports nutrients and wastes to and from all body tissues

RESPIRATORY SYSTEM:

Structures: nose, trachea, lungs

Function: gas exchange

DIGESTIVE:

Structures: mouth, esophagus, stomach, liver (stores glycogen, breaks down toxic substances such as alcohol, creates bile for digestion of fats), gallbladder (stores bile) pancreas changes pH from acid to base (secretes pancreatic fluid that changes the pH from acid to basic), small intestine (where majority of nutrient and water are absorbed) large intestine (fecal matter solidifies)

Function: stores and digests food, absorbs nutrients, eliminates waste

EXCRETORY SYSTEM:

Structures: kidneys, ureters, bladder, urethra,

Function: eliminate waste, maintain water and chemical balance

NERVOUS SYSTEM:

Structures: brain, spinal cord, nerves, sense organs, receptors

Function: controls and coordinates body movements, helps monitor and maintain other body systems

ENDOCRINE SYSTEM:

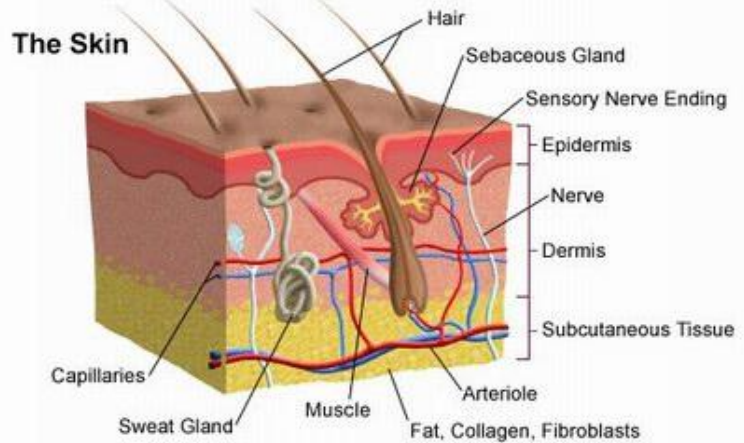
Structures: glands, hypothalamus

Function: maintain homeostasis, regulates metabolism, growth and sexual development

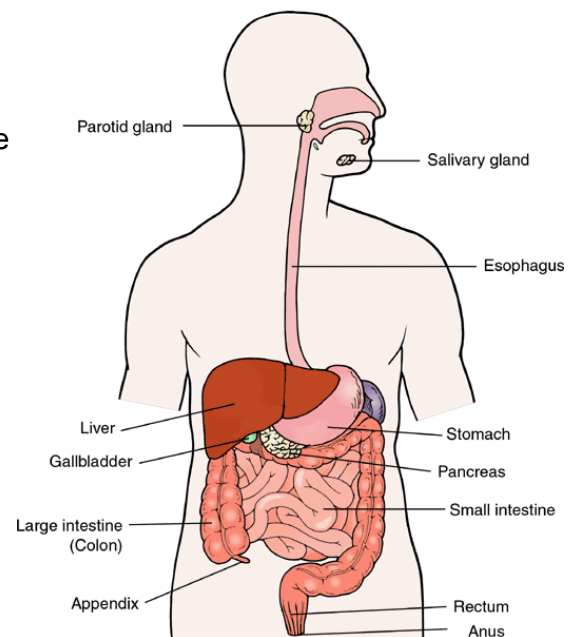
REPRODUCTIVE SYSTEM:

Structures: ovaries, uterus, mammary glands (female), testes (male)

Function: Sexual reproduction



Digestive System



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Name _____

Organism	Skeletal	Gas Exchange	Circulatory	Digestive	Reproductive
Human					
Plant (Angiosperm)					
Grasshopper					
Worm					
Mussel					
Squid					
Shark					
Frog					