

Anatomy Test 2 Study Guide Vocabulary

Tissue

Epithelial tissue

- Simple squamous
- Simple cuboidal
- Simple columnar
- Pseudostratified columnar
- Stratified squamous epithelium
- Transitional epithelium

Connective tissue

Fibrous Connective

- Loose Connective Tissue
 - Areolar tissue
 - Adipose tissue
 - Reticular tissue
- Dense connective tissue

Cartilage

- Hyaline
- Elastic
- Fibrocartilage

Bone

Blood

Nervous tissue

Muscle tissue

- Skeletal muscle
- Cardiac muscle
- Smooth muscle

Integumentary System

Epidermis

- Stratum corneum
- Stratum lucidum
- Stratum granulosum
- Stratum spinosum
- Stratum basale
- *Extra vocab: keratin, melanin

Dermis

Hypodermis

Hair

- Shaft

Follicle

Bulb

Papilla

Glands

- Apocrine gland
- Sebaceous gland
- Eccrine gland

Nails

- Cuticle
- Nail body
- Lanula
- Nail bed
- Nail root

Skeletal System

How are bones classified?

Parts of a Bone

- Epiphysis
- Diaphysis
- Articular cartilage
- Marrow
- Epiphyseal plate

Cells

- Osteoblasts
- Osteoclasts

Tissue

- Compact Bone
- Spongy Bone

Bone Remodels

Fractures

- Simple
- Compound
- Greenstick
- Comminuted
- Spiral

Bones

- Skull
 - Frontal
 - Parietal

Occipital
Temporal
Mandible
*Other vocab: sutures,

Foramina
Clavicle
Scapula
Sternum
Ribs

True ribs
False ribs
Floating ribs

Vertebral column

Atlas
Axis
Cervical vertebrae
Thoracic vertebrae
Lumbar vertebrae
Sacrum
Coccyx

Pelvis
Carpals
Metacarpals
Phalanges
Tarsals
Metatarsals
Phalanges
Femur
Fibula
Tibia
Humerus
Ulna
Radius

How are joints classified?

Parts of a joint

Joint capsule
Synovial membrane
Joint cavity
Ligaments

Types of joints

Ball-and-socket
Hinge

Pivot
Condyloid
Gliding
Saddle

Movements

Flexion
Extension
Hyperextension
Abduction
Adduction
Circumduction
Rotation

Muscular System

Types of Muscle

Cardiac
Smooth
Skeletal

Parts of a Muscle

Fascia
Fascicles
Muscle Fiber
Sarcoplasmic reticulum
Myosin
Actin
Sarcomere

Sliding-Filament Model

Strong stimulus

Weak stimulus

Aerobic respiration

Anaerobic respiration

Prime movers

Antagonists

Muscles

Biceps brachii
Triceps brachii
Deltoid
Trapezius
Pectoralis major
Quadriceps femoris
Hamstring group