

LAB GUIDE FOR THE SKELETAL SYSTEM

Skull (pg 138-143)

Parietal Nasal
 Frontal Lacrimal
 Occipital Ethmoid
 Zygomatic Sella turcica
 Temporal Maxilla
 Sphenoid Mandible
 Zygomatic Process of the Temporal
 Occipital Condyles Styloid Process
 Mastoid Process Foramen Magnum

Hyoid bone

Malleus, Incus, Stapes (pg 260)

Vertebral Column

Cervical Thoracic
 Lumbar Sacral
 Coccygeal

Atlas

Axis – Odontoid Body

Vertebrae

Body Spinous Process
 Transverse Process Vertebral Foramen
 Intervertebral Foramen
 Transverse Foramen (cervical)

Ribs – True, False, Floating

Sternum

Manubrium Body Xiphoid Process

Pectoral Girdle

Clavicle Scapula
 Acromion Process Spine
 Glenoid Cavity

Humerus

Head
 Greater & Lesser Tubercles
 Deltoid Tuberosity
 Olecranon Fossa Coronoid Fossa

Radius

Head Radial Tuberosity
 Styloid Process

Ulna

Olecranon Process Coronoid Process
 Styloid Process

Carpals (8)

Metacarpals (5)

Phalanges (14 per hand)

Pelvic Girdle

Coxal Bones – Ilium, Ischium, Pubis
 Symphysis Pubis
 Sacroiliac Joint Acetabulum
 Obturator Foramen

Femur

Head Fovea Capitis Neck
 Greater Trochanter Lesser Trochanter
 Medial & Lateral Condyles
 Medial & Lateral Epicondyles

Tibia

Tibial Tuberosity Medial Malleolus
 Medial & Lateral Condyles

Fibula - Head Lateral Malleolus

Tarsals (7) - Calcaneous Talus

Metatarsals (5)

Phalanges (14 per foot)

Patella (knee cap)

Synarthrotic Joints – sutures

Amphiarthrotic Joints

between vertebrae symphysis pubis
 sacroiliac joints

Diarthrotic Joints

synovial joints like the knee, shoulder, elbow, hip

Fontanels

Anterior Posterior
 Mastoid Sphenoid

Major Sutures

Coronal Sagittal
 Squamosal Lambdoidal

