



SKELETAL SYSTEM

A presentation in anatomy by

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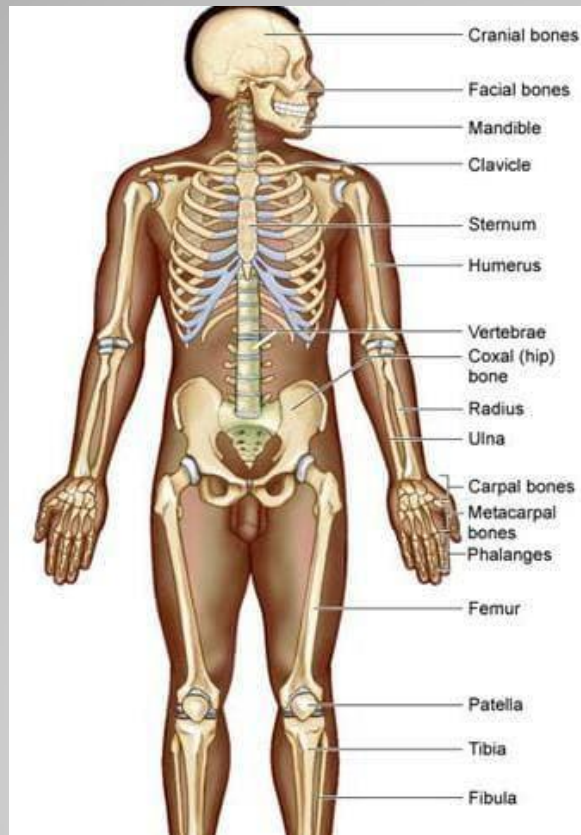
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COMPONENTS OF SKELETAL SYSTEM :-



- ▶ **Bones (Skeletal organ)**
- ▶ **Joints**
- ▶ **Cartilage**
- ▶ **Ligaments**
- ▶ **Tendons**

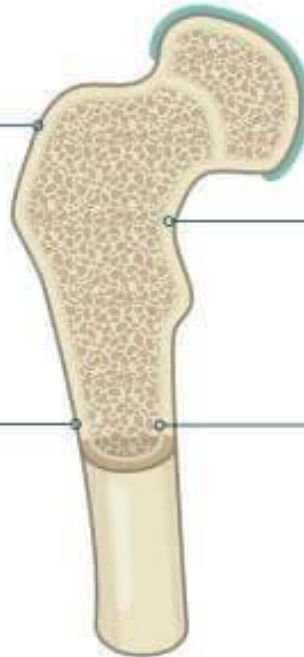
Bone Cell Types



Osteogenic Cell
Stem Cells - Develops into
an Osteoblast



Osteoblast
Forms Bone Tissue



BONE

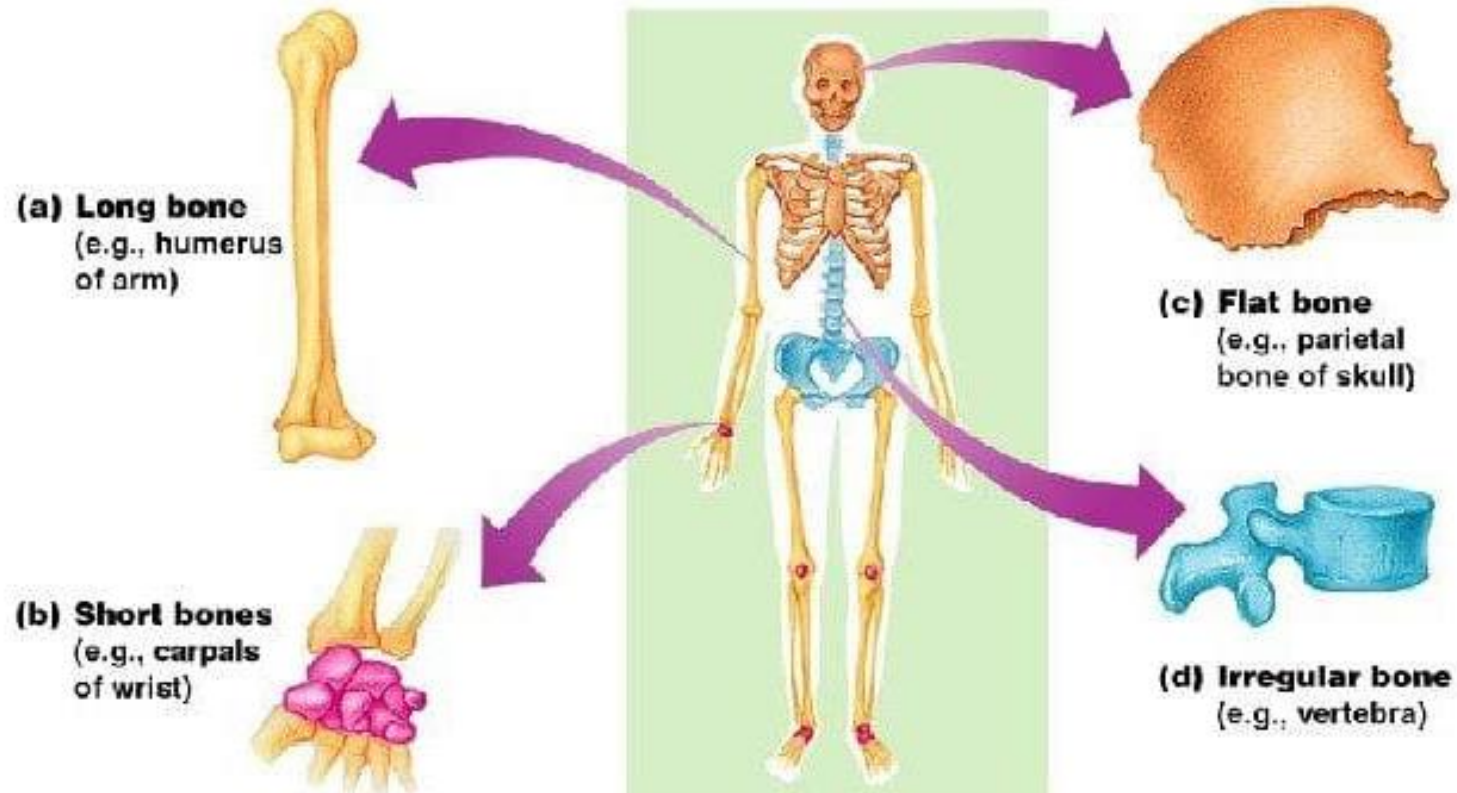


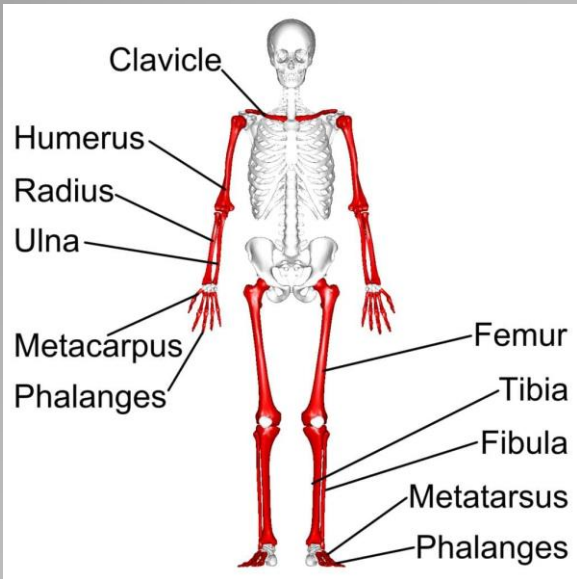
Osteocyte
Maintains Bone Tissue



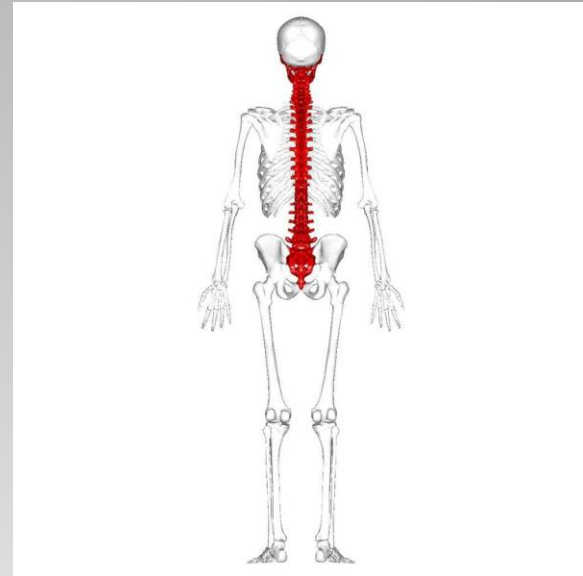
Osteoclast
Functions in Resorption,
the Destruction of Bone Matrix

Classification of Bones on the Basis of Shape

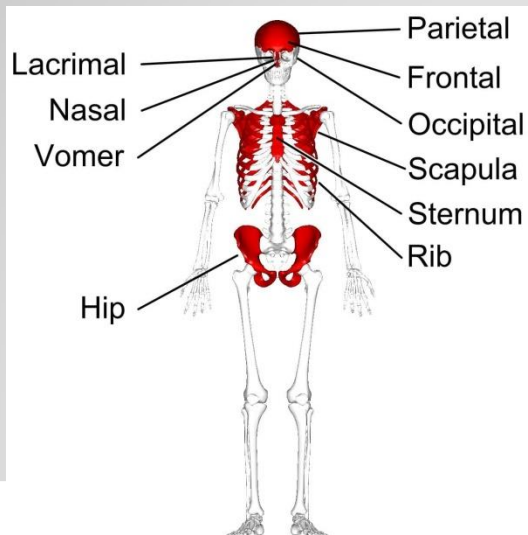




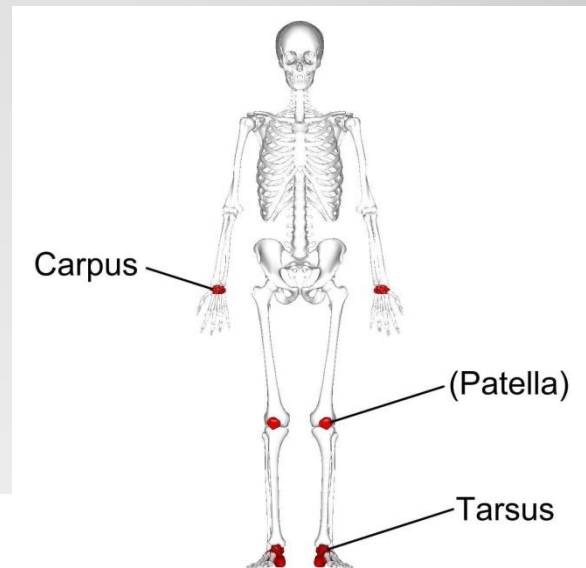
Long bones



Irregular bones



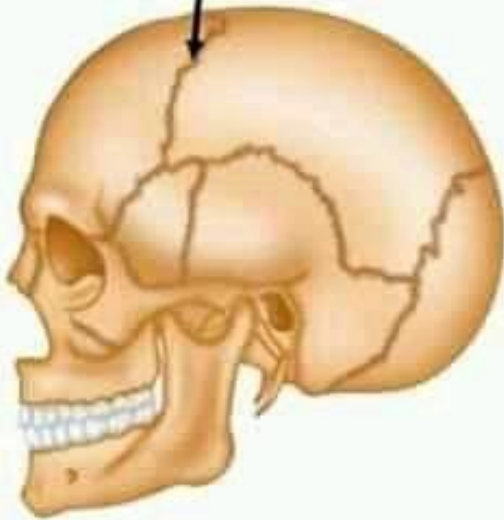
Flat bones



Short bones

Types of joints

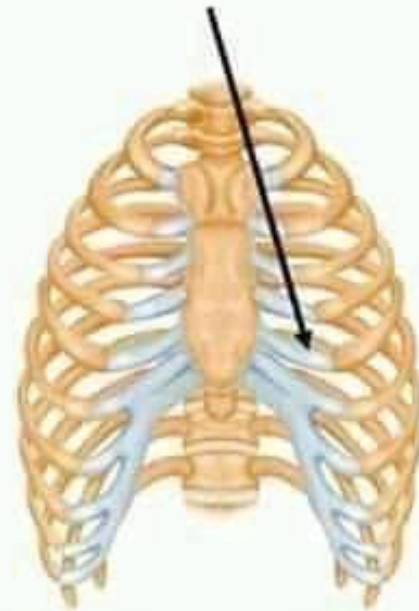
Immovable fibrous joint



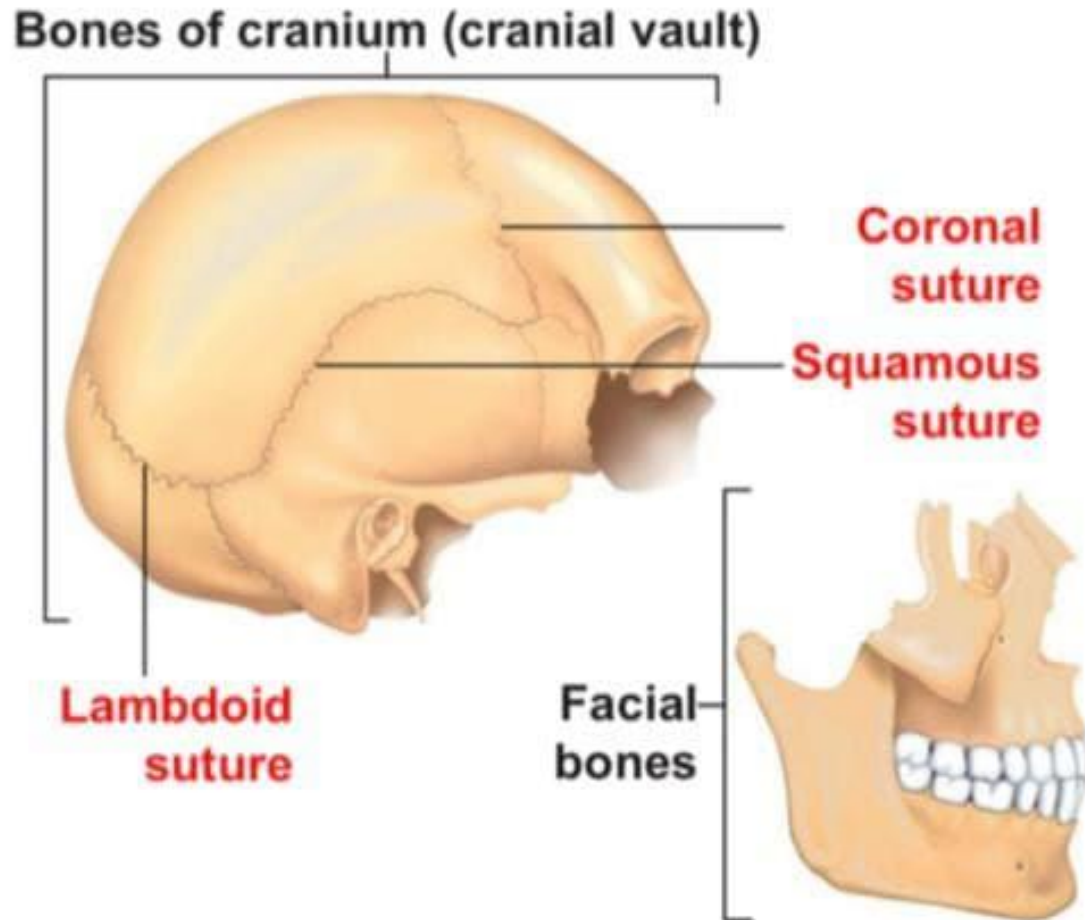
Movable synovial joint



Slightly movable cartilaginous joint

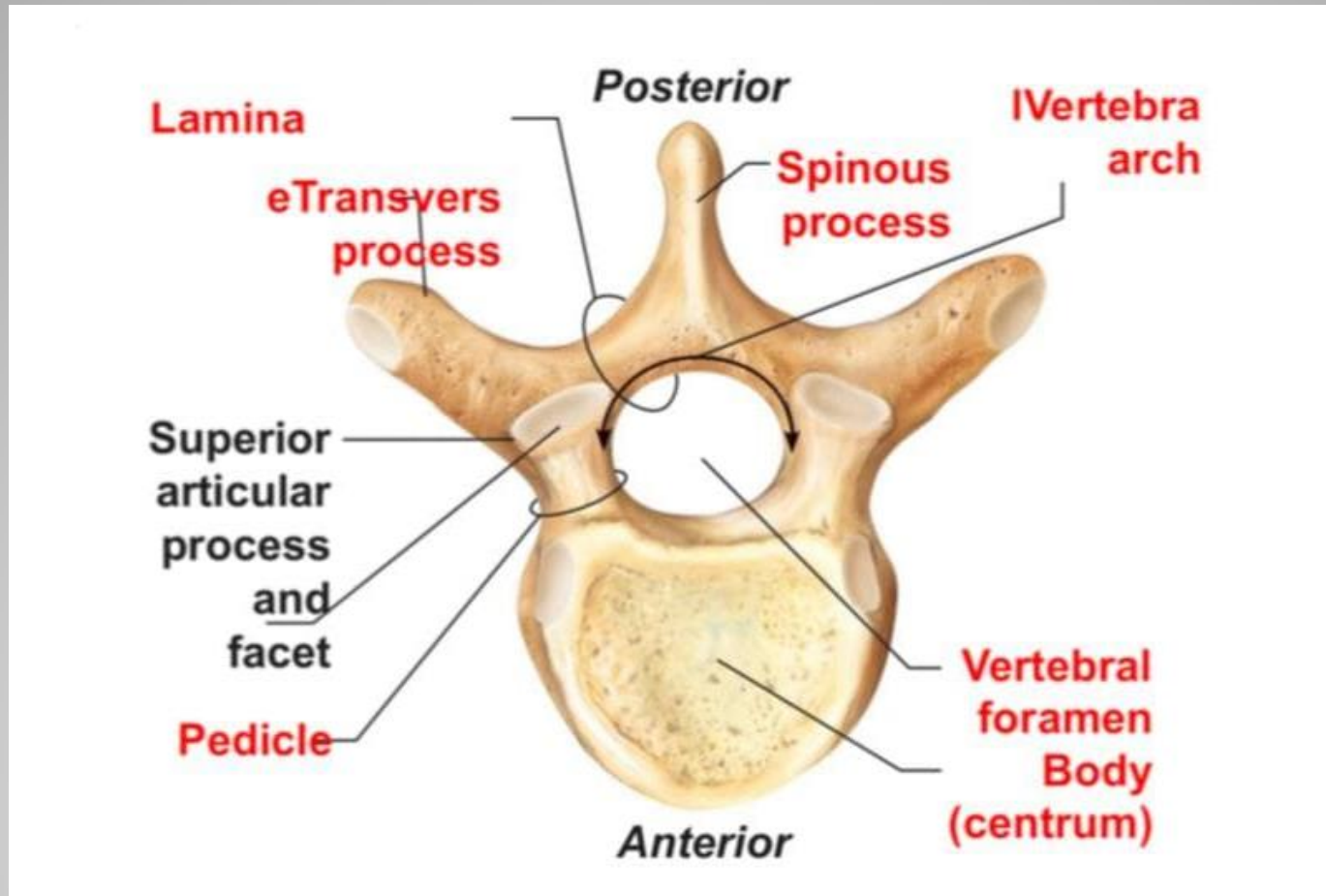


SKULL :-

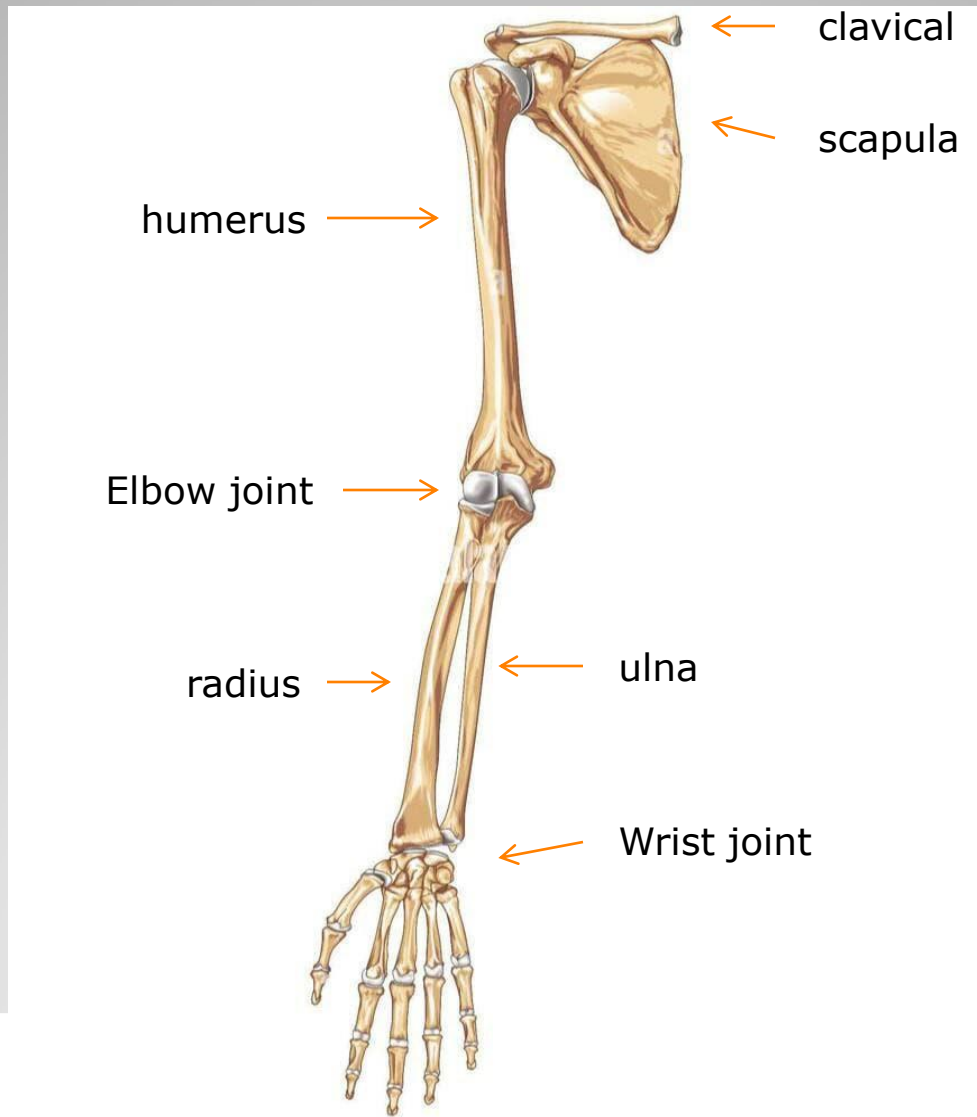


Cranial and facial divisions of the skull (a)

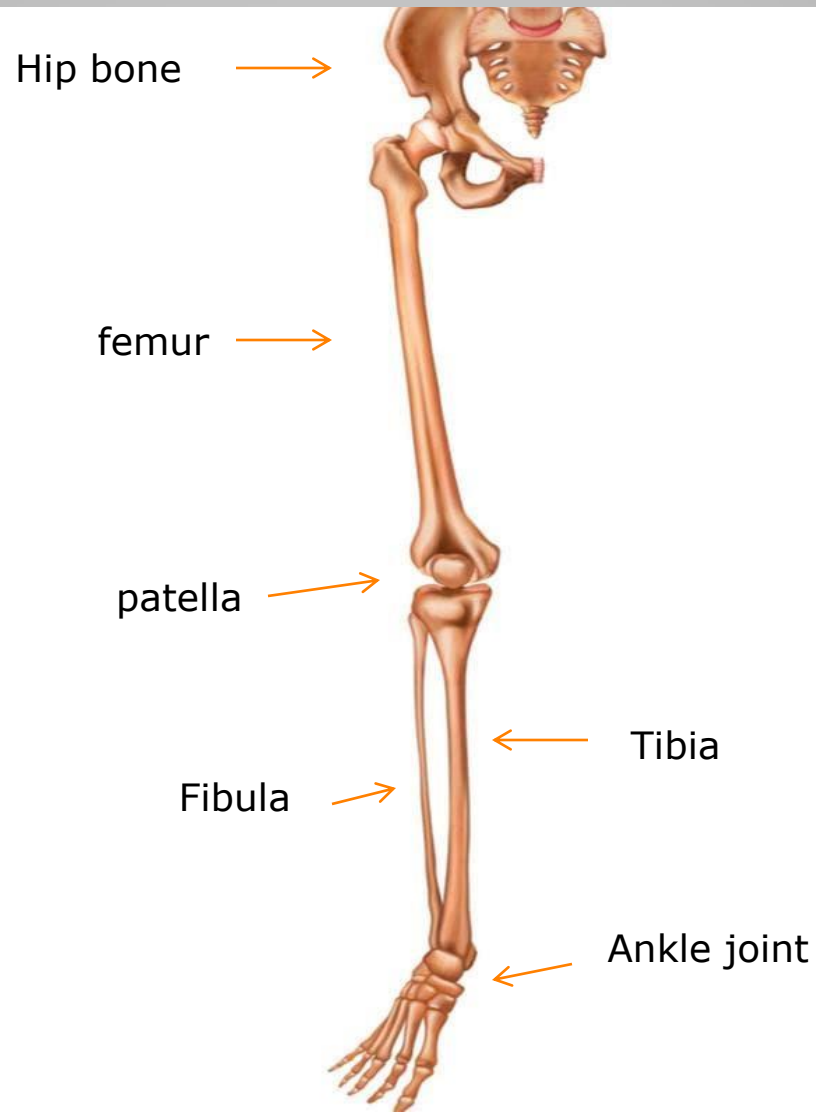
VERTEBRA :-



UPPER LIMB BONES :-



LOWER LIMB BONES :-



THANK YOU

