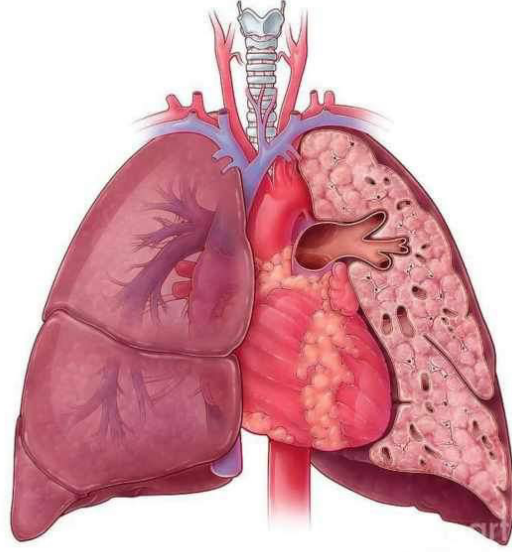


Date:

/ /



لجان الدفعات



تفريغ أناتومي

مراجعة

موضوع المحاضرة:

رقم المحاضرة :

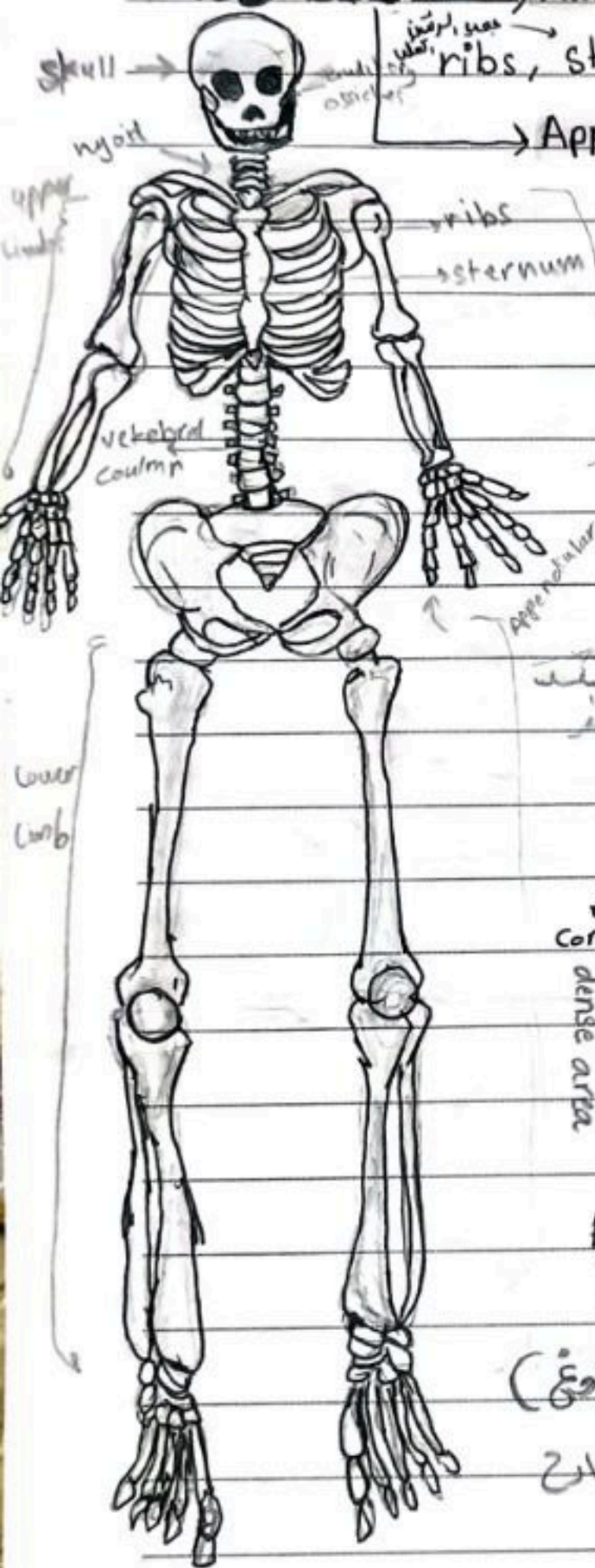
إعداد الصيدلانية :

Aya Mohammad



The skeletal system

206 bones



Axial skeleton $\Rightarrow$ skull bones, auditory ossicles, hyoid

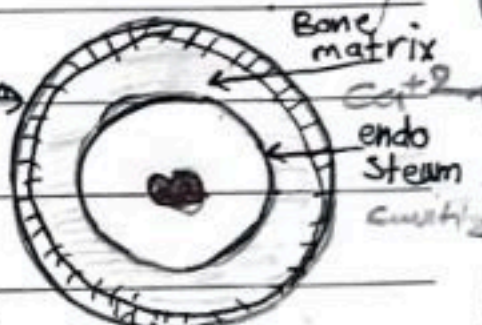
ribs, sternum, bone of vertebral column

Appendicular $\Rightarrow$ upper & lower limbs

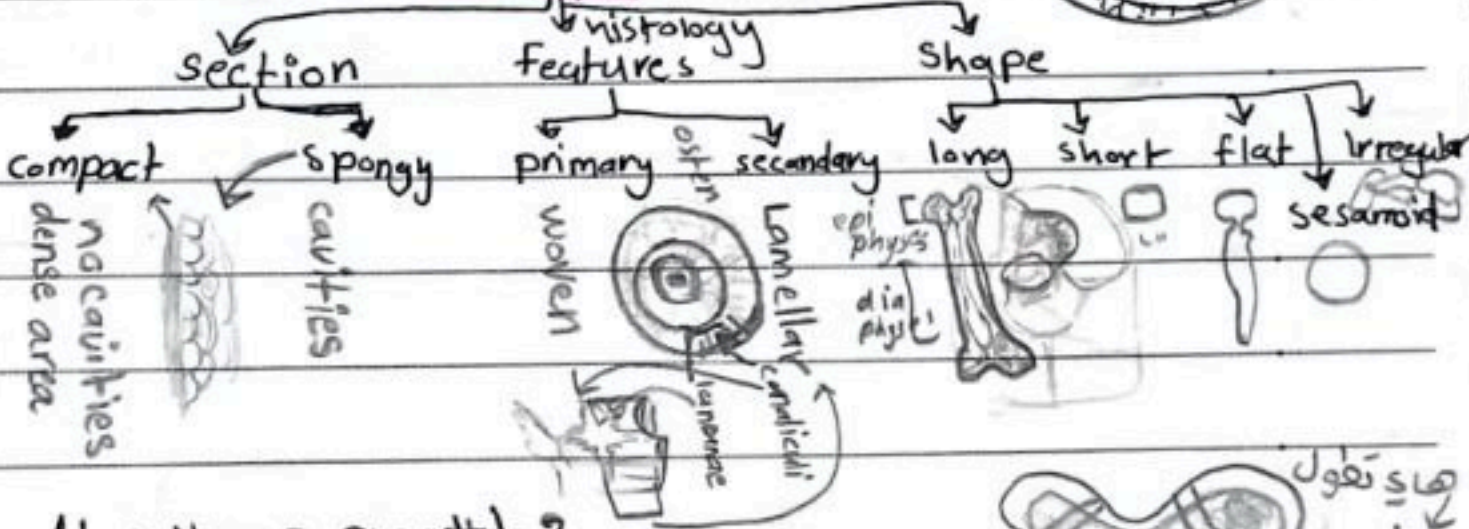
Bone Tissue $\Rightarrow$ support connective tissue (calcified)

- | | | |
|-------------------------|-------------------|----------------------------|
| Osteoblasts | Osteocytes | Osteoclasts |
| Building | | |
| ① synthesis of bone | ① maintain | ① resorption (destruction) |
| ② calcification of bone | ② lacunae | ② macrophage |

Tetracycline fluorescence "repair" periosteum



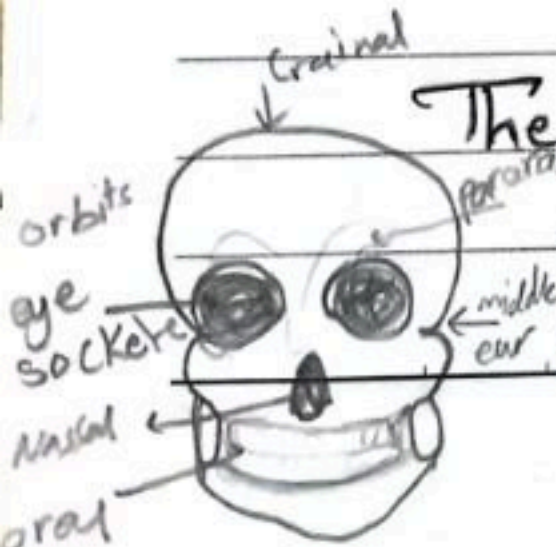
Bones



How bone growth?

التي يتكون بزيادة احتوائية ركن
العرض ما يوقف اما الطول بوقف بجر معين (الطول)
فيه growth hormone راجع خالتي العظم مارج
يطول دراج يشيت، لنمو بجهد، العر

The Skull 22 bones in the head



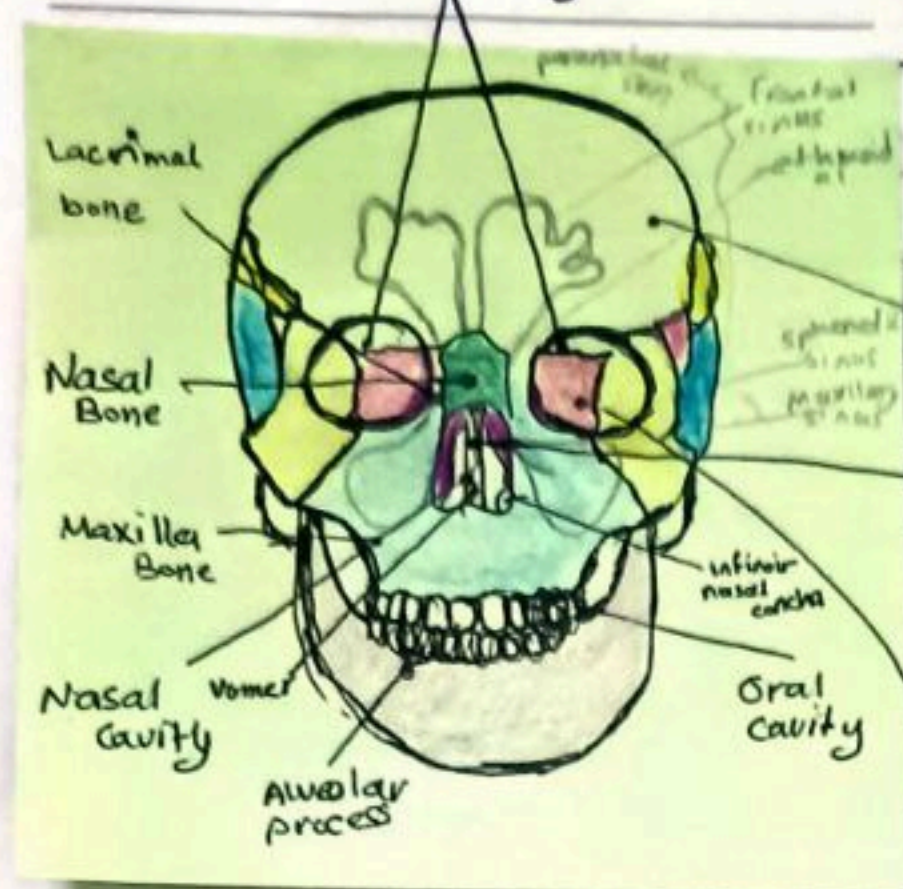
→ Cranium 8
→ Facial 14

protect the brain & special sense organs
is to immovable
movable $\leftarrow$ mandible joint

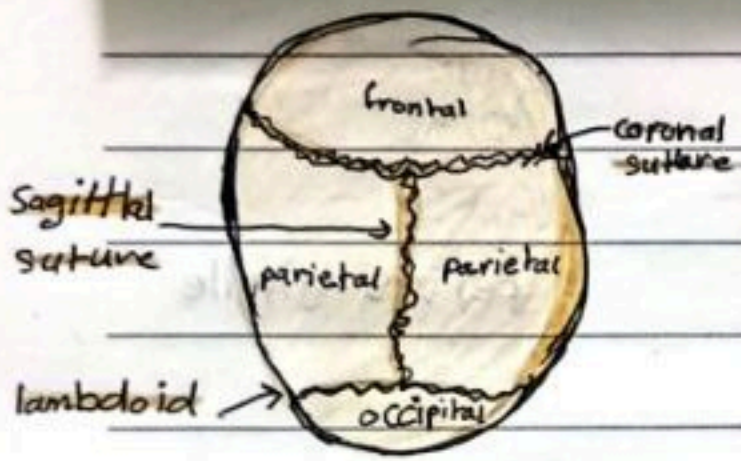
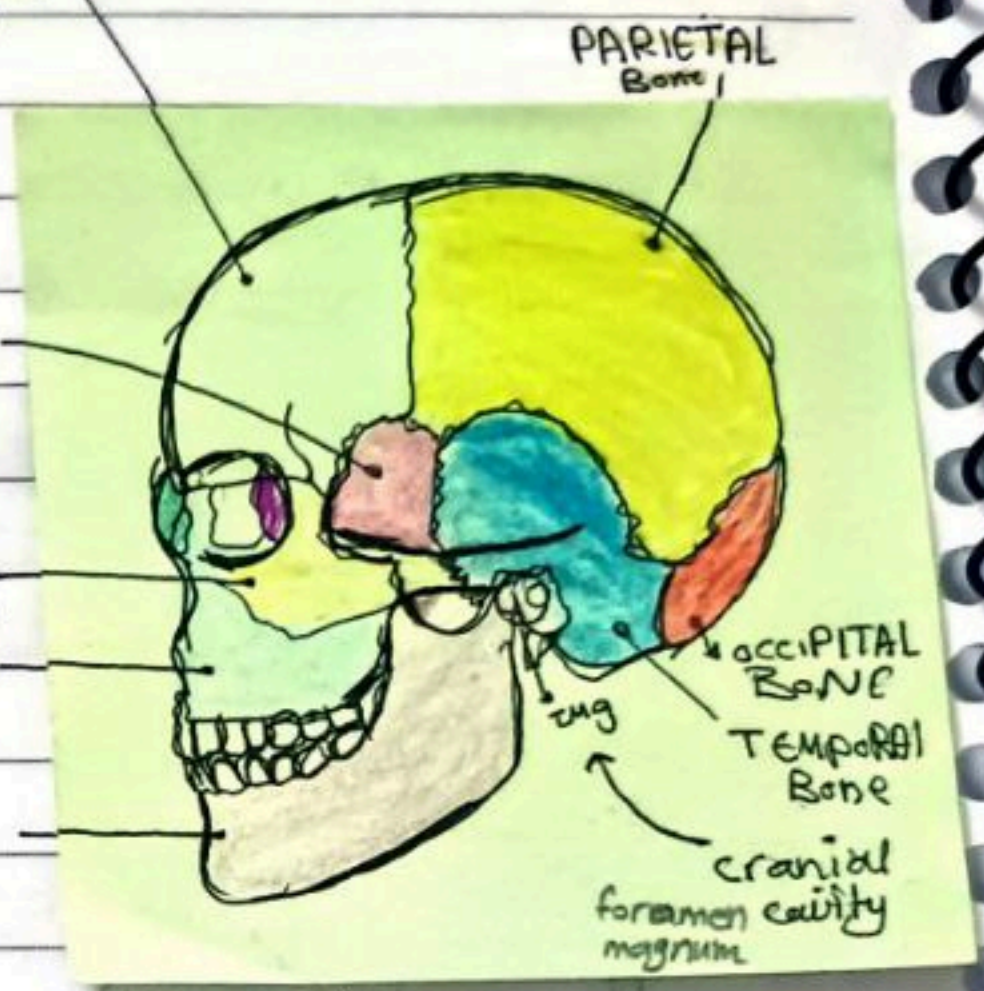
PRENKO

Skull → CRANIAL & SURROUND THE BRAIN
 Face 14

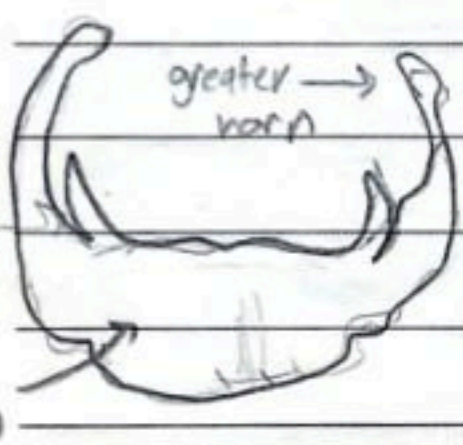
22 bones



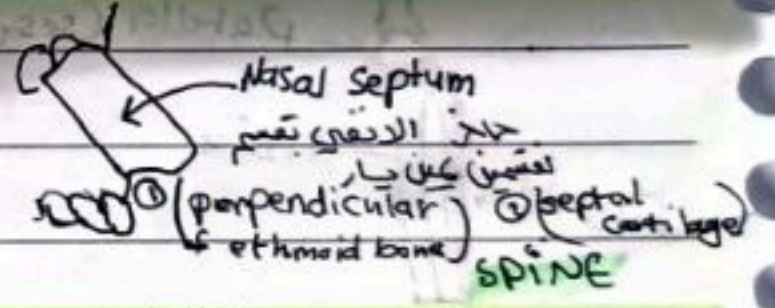
frontal Bone
 ETHMOID Bone
 SPHENOID Bone (المنكب)



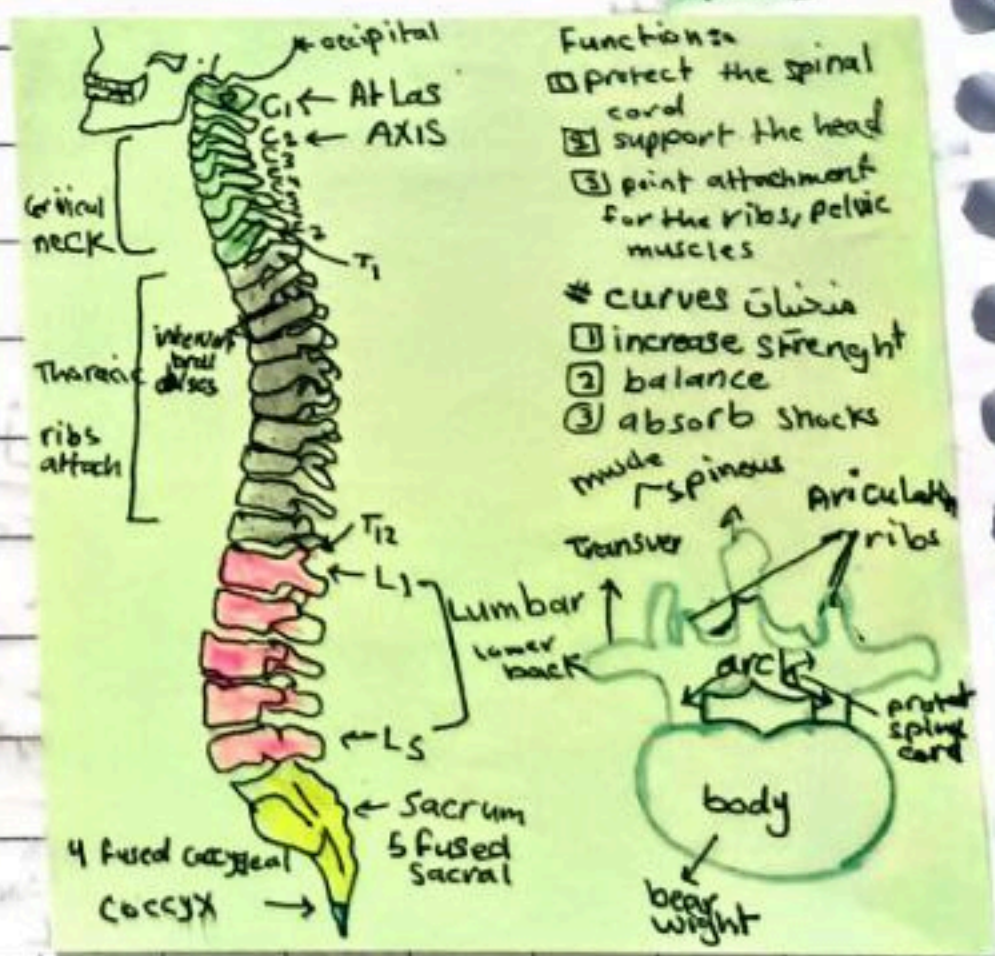
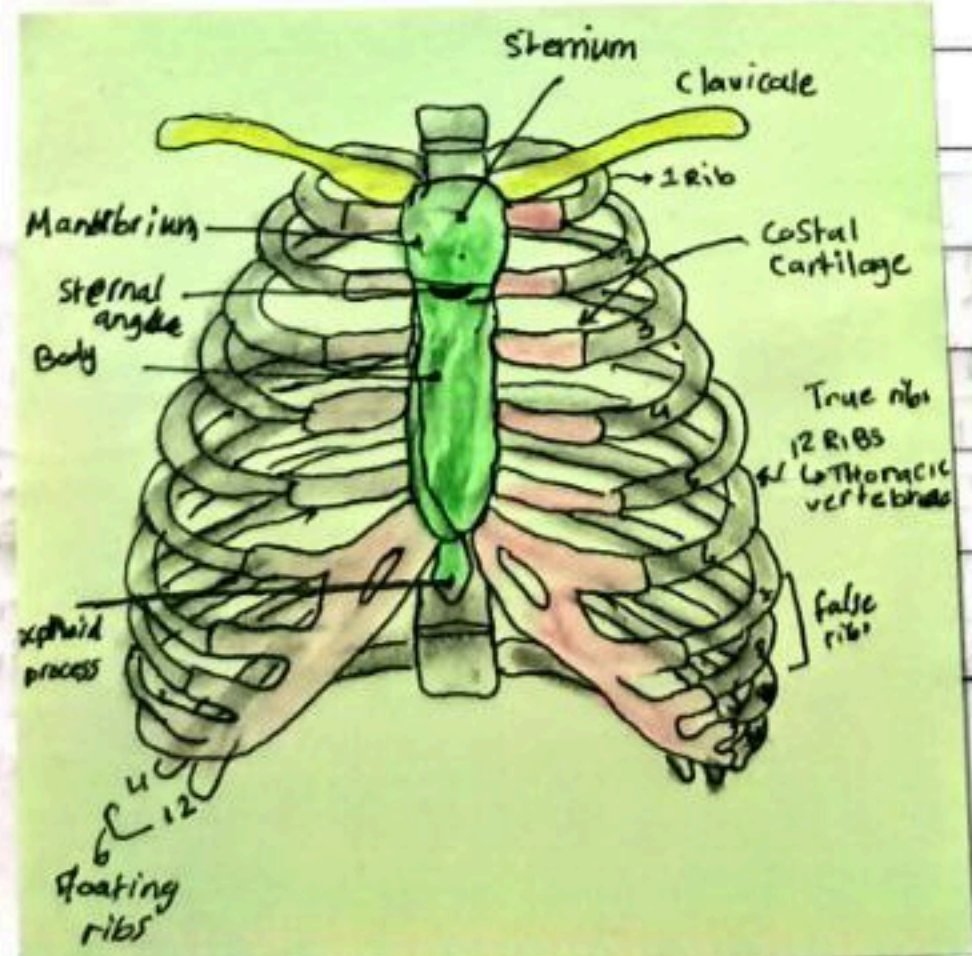
Zygomatic Bones
 Maxilla Bone
 Mandible



تفاحة آدم
 Hyoid Bone → upper part of the neck
 العنق

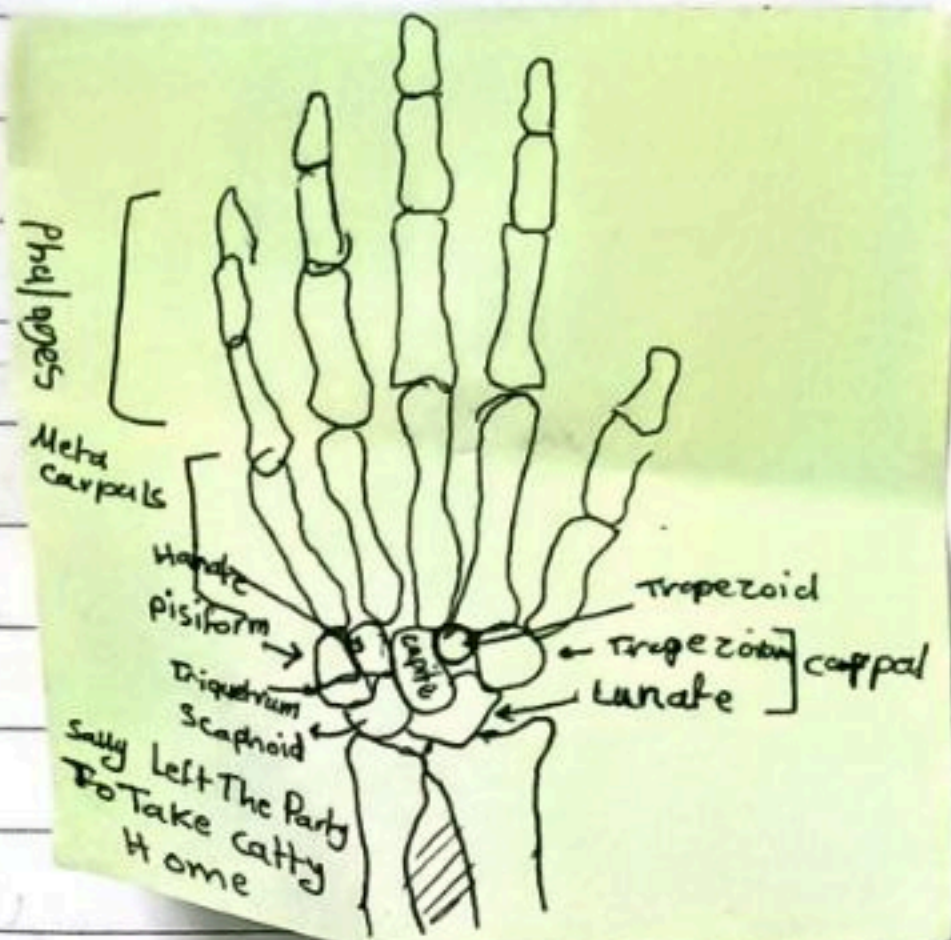
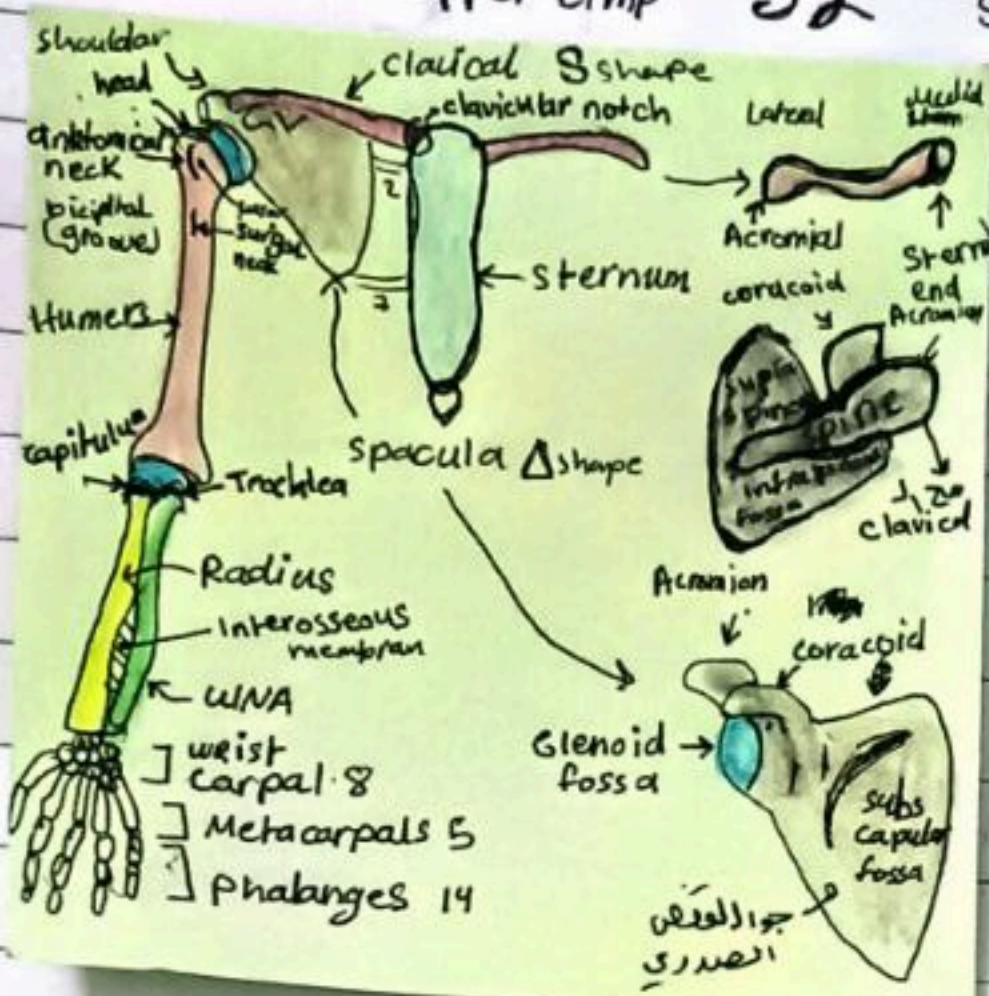


Thoracic cage



upper limb 32

Shoulder girdle



pelvis girdle

