



## **Body regions and cavities**

**The cavities:** of the body contain the internal organs. The two main cavities are called **the ventral** and **dorsal cavities**. The ventral is the larger cavity and is subdivided into two parts (**thoracic and abdominopelvic cavities**)

**The human body:** is divided into several major regions.

- ✓ the head
- ✓ Neck
- ✓ trunk
- ✓ upper limbs
- ✓ and lower limbs.

### **Head:**

✓ The upper part of the body in humans, joined to the trunk by the neck.

- ✓ **Skull:-** The skull protect the brain and forms the shape of the face.
- ✓ **Face:-** is the front portion of the head that includes the eyes, nose, mouth, forehead, cheeks, and chin.

### ❖ **Neck:**

- ✓ **The neck** is the part of the body on many **vertebrates** that connects the **head** with the trunk and provides the mobility and movements of the head.

## **Trunk**

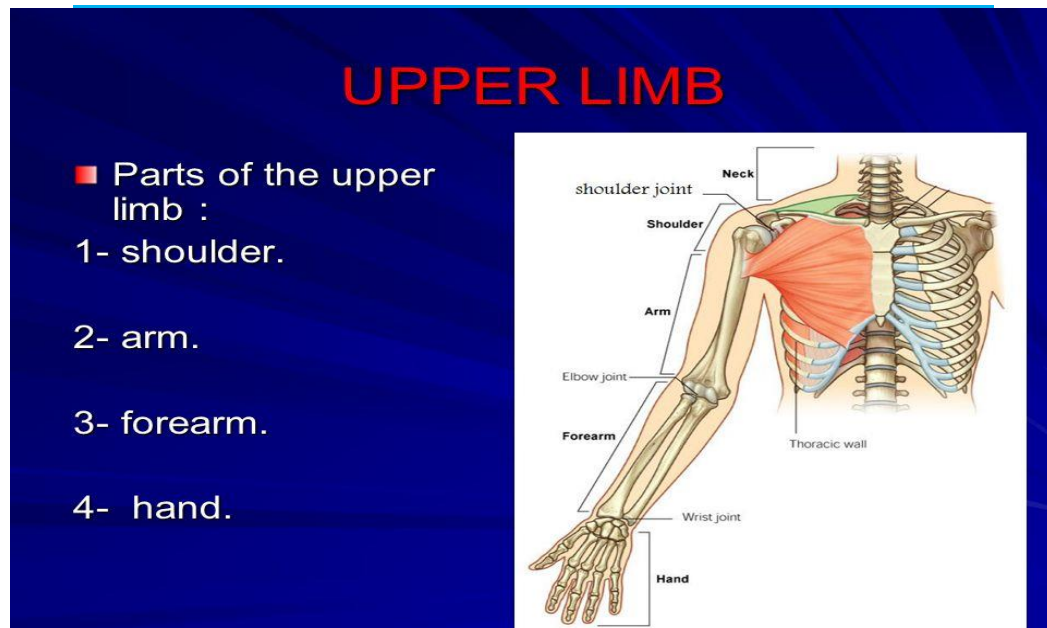
Trunk is consists of the thorax, abdomen, and pelvis. upper limb.

**This region attached to trunk and it is consist of:-**

- ✓ shoulder.
- ✓ arm



- ✓ arm (portion of the limb from the shoulder to the elbow).
- ✓ forearm (portion of the limb from the elbow to the wrist).
- ✓ Wrist.
- ✓ hand.



**lower limb**

It is attached to the trunk and consists of :-

- ✓ Buttock.
- ✓ thigh (portion of the limb from the buttock to the knee).
- ✓ leg (portion of the limb from the knee to the ankle).
- ✓ Ankle.
- ✓ foot

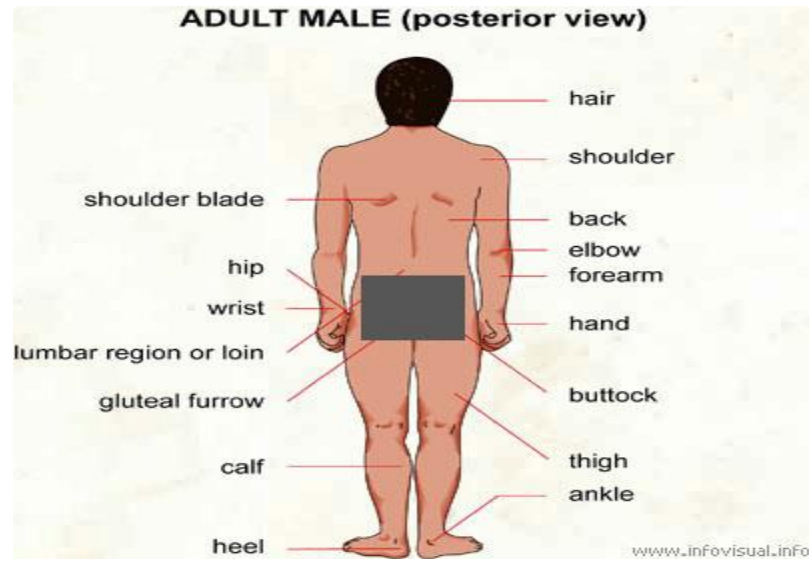


## Medical Laboratory Techniques Department

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First class

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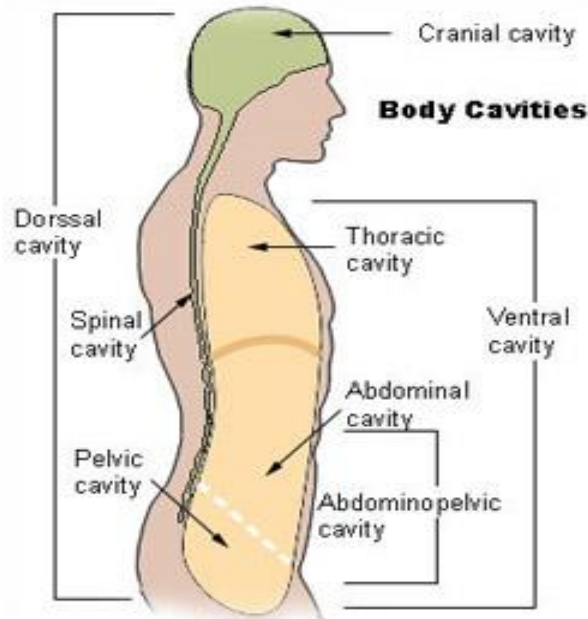


## Body Cavities & Membranes

Cavities		Organs	Membrane	Fluid	
Dorsal	Cranial	Brain	Meninges	CSF	
	Spinal	Spinal Cord	Meninges	CSF	
Ventral	Thoracic	Pleural	Lungs	Pleura	Pleural
		Pericardial	Heart	Pericardium	Pericardial
	Abdominopelvic	Abdominal	Liver, Pancreas, GI	Peritoneum	Peritoneal
		Pelvic	Bladder, Reproductive	Peritoneum	Peritoneal

\*\***Cerebrospinal fluid (CSF):** is a clear colorless body fluid found within the tissue that surrounds the brain and spinal cord of all vertebrates.

\*\***meninges:** the three membranes that envelop the brain and the spinal cord: they are the **Dura mater**, **arachnoid**, and **pia mater**.



بدلاً من أن تُبادر بالهجوم على الشخص الناجح، بادر في أن تصبح أكثر نجاحاً منه، ذلك هو الفرق بين الحقد والطموح.\*\*\*

أن تكون شخصاً يثق فيه الناس أعظم من أن تكون شخصاً يحبه الناس\*\*\*  
طلابي الاعزاء كونوا دائما اهلا للثقة... اهلا للصفات الحميدة\*كونوا اهلا لثقة اهلكم فيكم اسعدوهم دائما بنجاحكم  
واخلاقكم العالية\*\*\*في هذا المجتمع المتهالك الذي اصبحت فيه القيم والاخلاق لا شيء  
انتم جيل الامل\*\*انتم جيل المستقبل\*\*  
د. زهراء ماجد..



