

Humans

Mr. Skirbst

4 Types of Body Tissue

1. Muscle

2. Connectiv

3. Nerve

4. Epithelial



4 Types of Body Tissue

1. Muscle

2. Connective

3. Nerve

4. Epithelial



4 Types of Body Tissue

1. Muscle
2. Connectiv
- 3. Nerve**
4. Epithelial



4 Types of Body Tissue

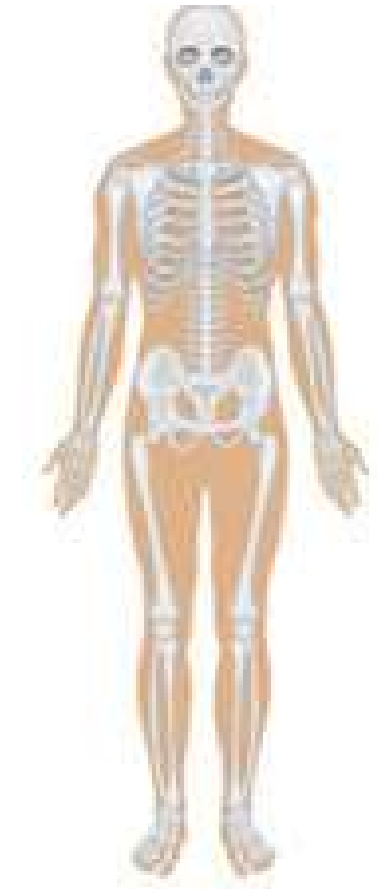
1. Muscle
2. Connectiv
3. Nerve
- 4. Epithelial**



6 Major Body Systems

6 Major Body Systems

1. Skeletal



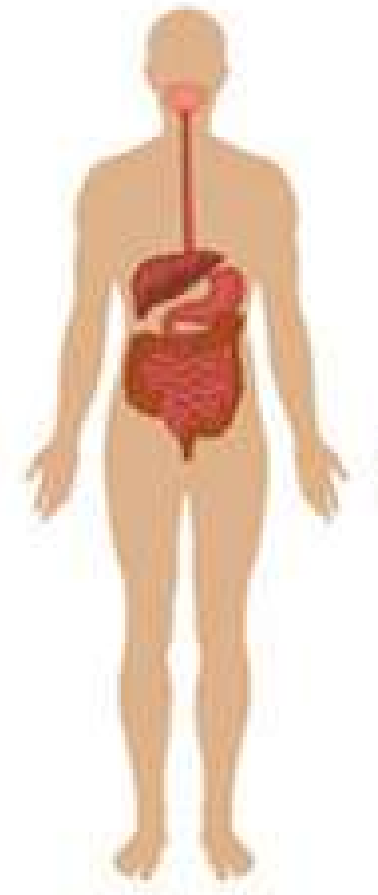
6 Major Body Systems

1. Skeletal
2. Muscular



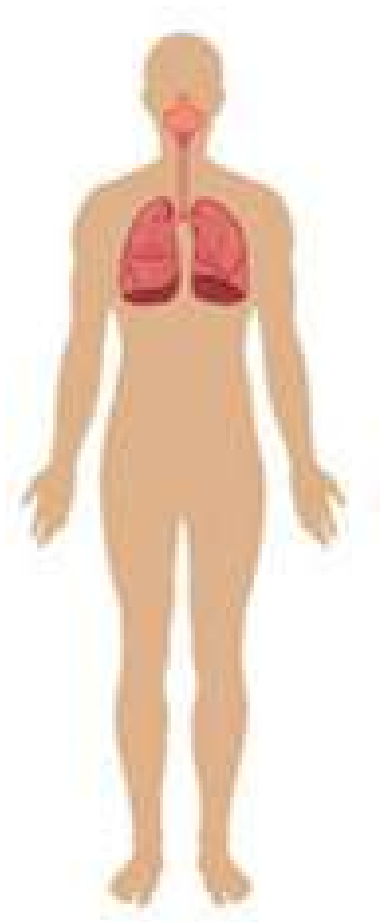
6 Major Body Systems

1. Skeletal
2. Muscular
3. Digestive



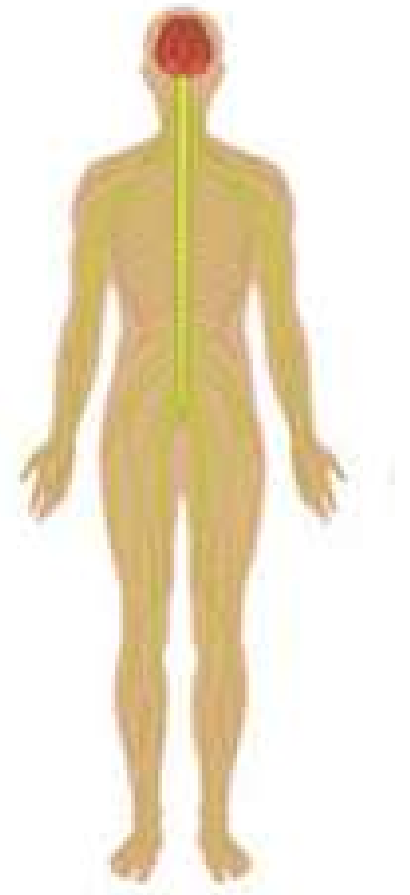
6 Major Body Systems

1. Skeletal
2. Muscular
3. Digestive
4. Respiratory / Excretory



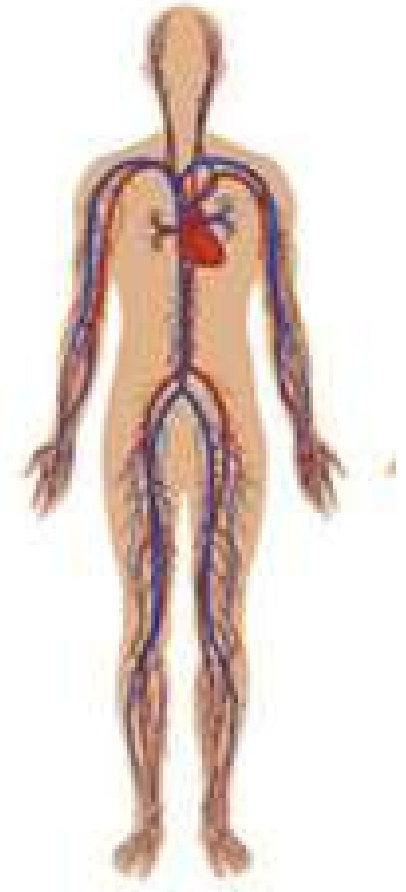
6 Major Body Systems

1. Skeletal
2. Muscular
3. Digestive
4. Respiratory / Excretory
5. Nervous



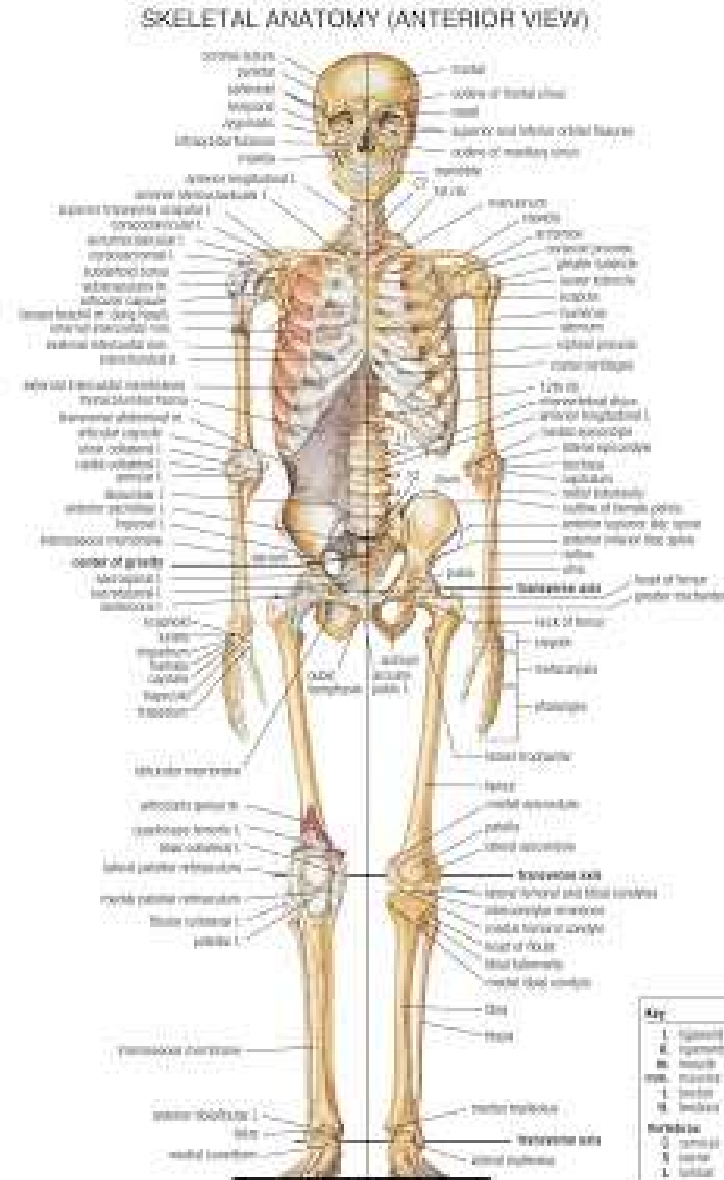
6 Major Body Systems

1. Skeletal
2. Muscular
3. Digestive
4. Respiratory / Excretory
5. Nervous
6. Circulatory



Skeletal System

Bones - 206



Skeletal System

Bones - 206

Ligaments – bone to bone

- Ligaments are long bands of tissue that connect bones across a joint.



Skeletal System

Bones - 206

Ligaments – bone to bone

Tendons – bone to muscle



Skeletal System

Bones - 206

Ligaments – bone to bone

Tendons – bone to muscle

Cartilage – bone meets bone



It connects bones.

It is softer than bone.

It acts like a cushion.

Your ears are made of cartilage.

Skeletal System

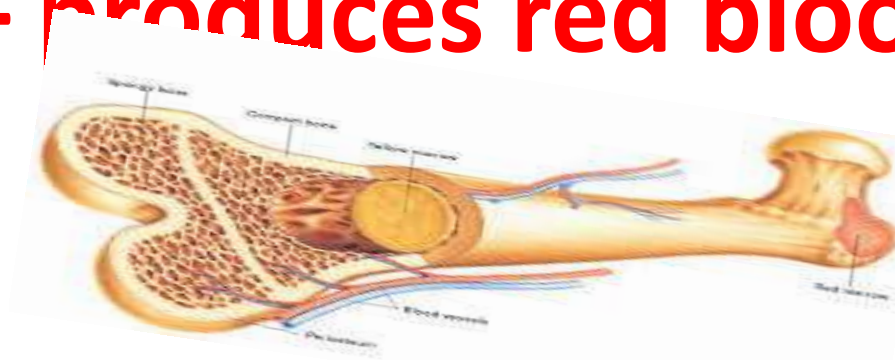
Bones - 206

Ligaments – bone to bone

Tendons – bone to muscle

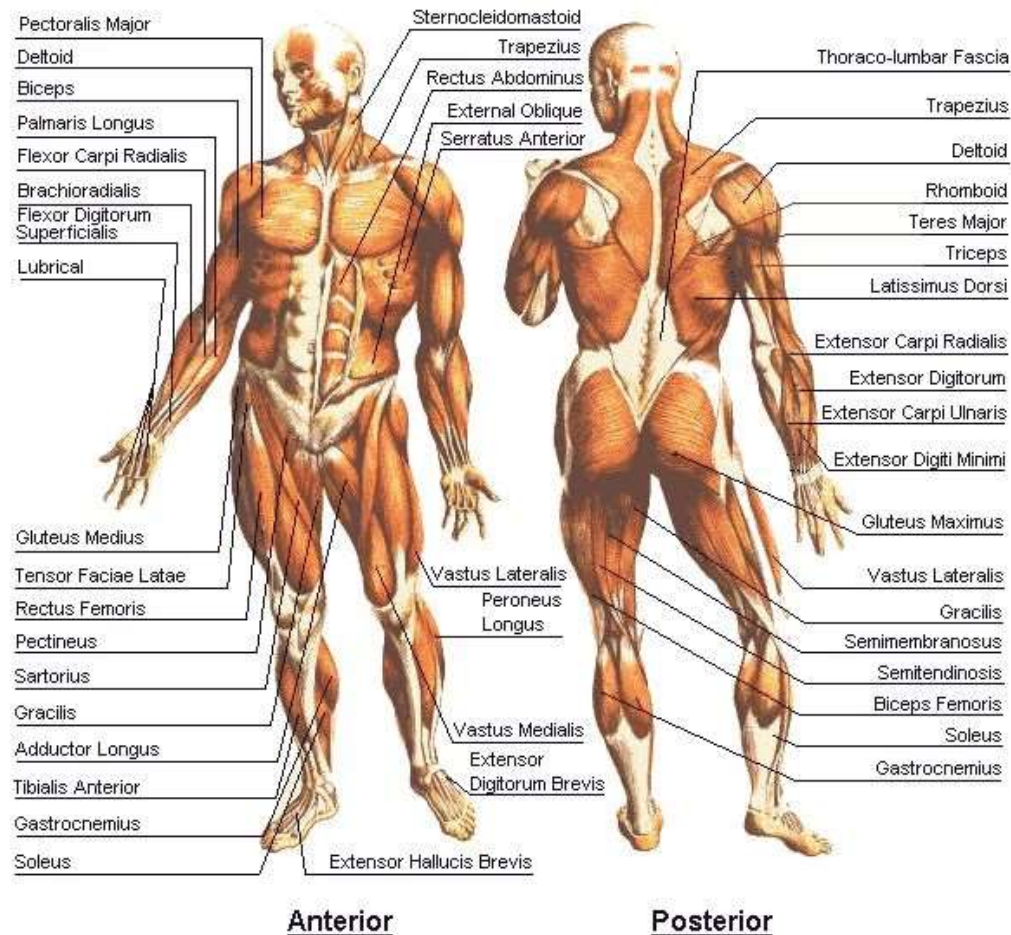
Cartilage – bone meets bone

Marrow – produces red blood cells



Muscular System

Muscles – over 600

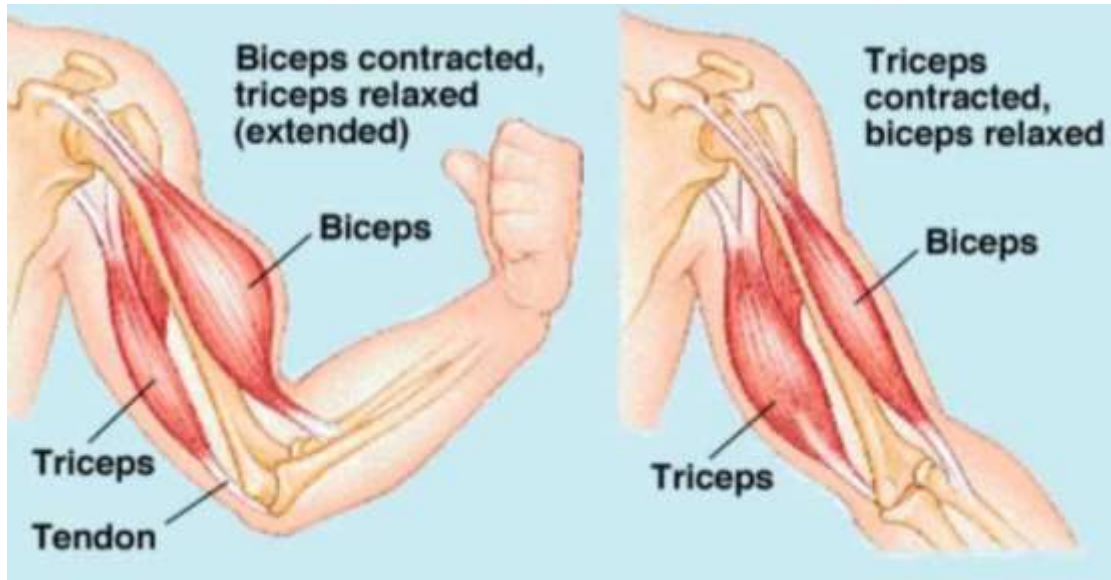


Muscular System

Muscles – over 600

3 types of muscles:

1. skeletal (move joints)



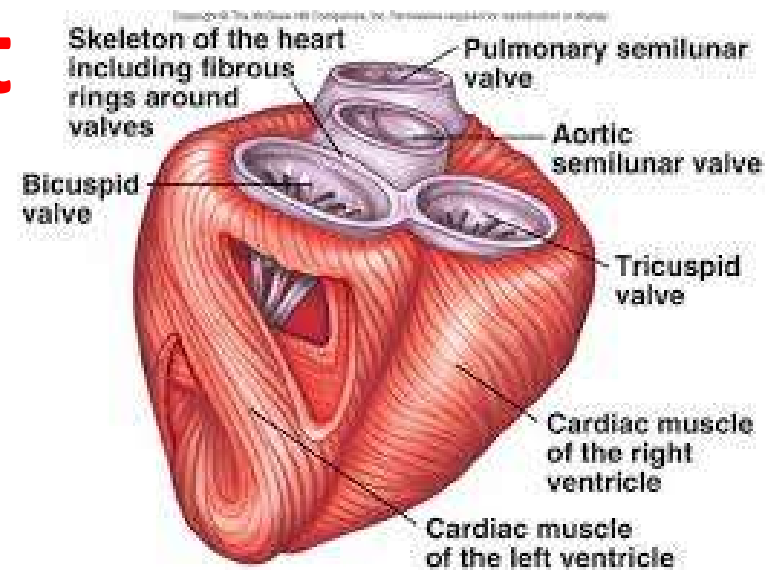
Muscular System

Muscles – over 600

3 types of muscles:

1. skeletal (move joints)

2. cardiac (heart)



Muscular System

Muscles – over 600

3 types of muscles:

1. skeletal (move joints)

2. cardiac (heart)

3. smooth (involuntary)

(ex. breathing, digestion)

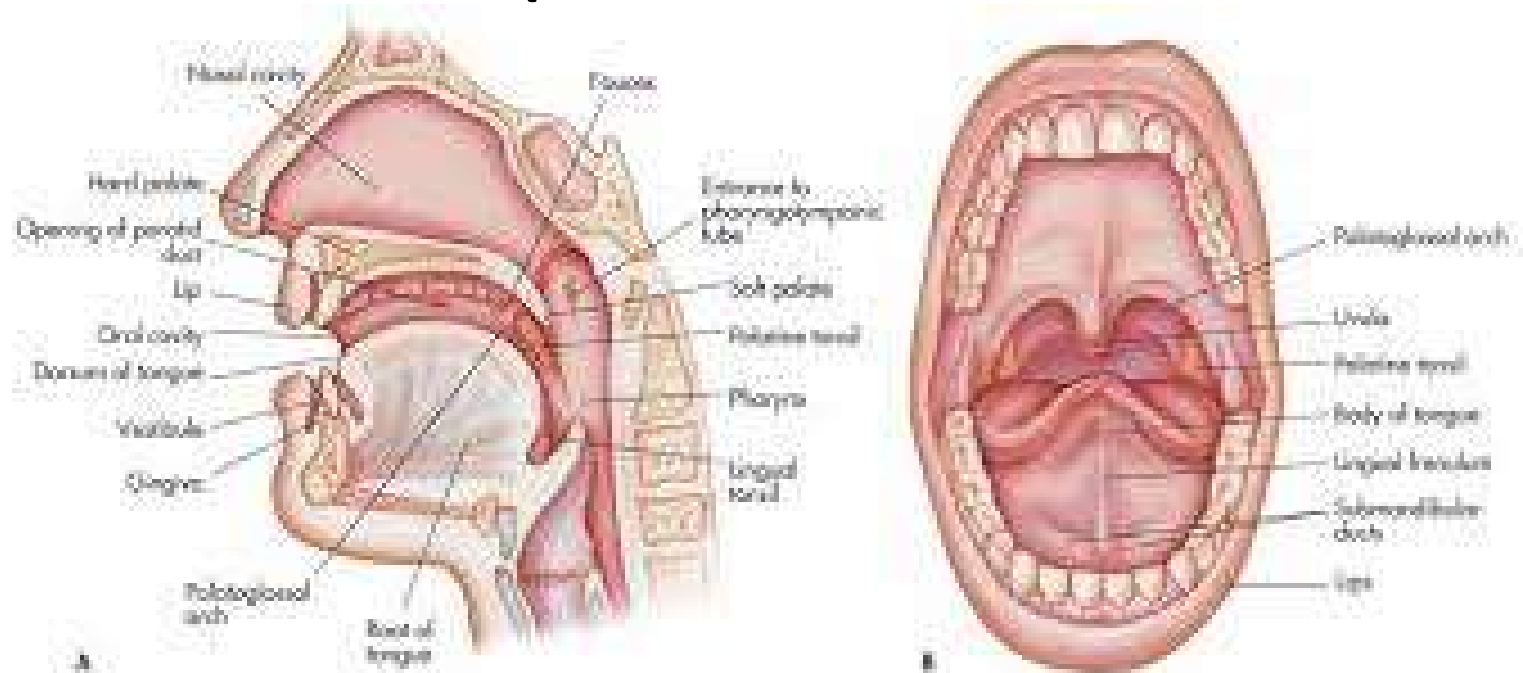


Digestive System

Food broken down for cellular use

5 major parts:

1. mouth (chemical/mechanical)

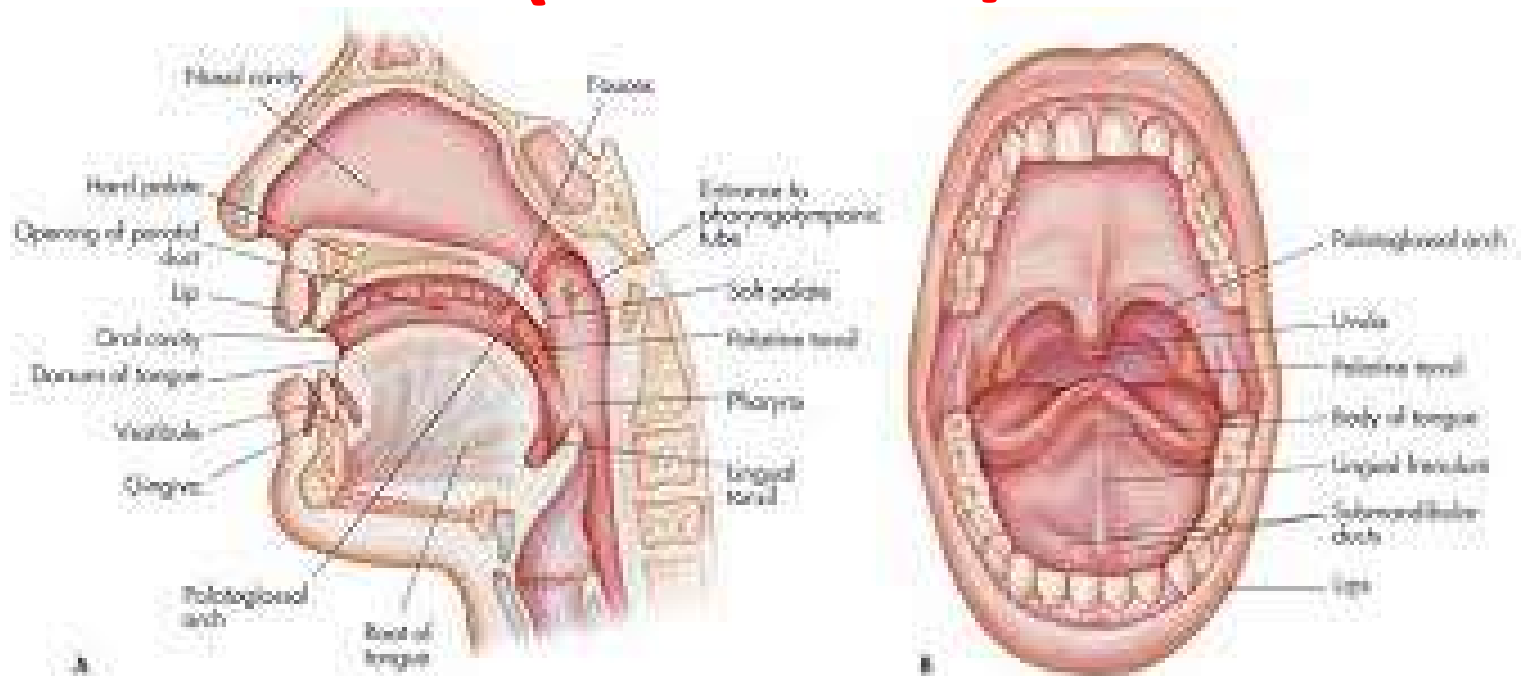


Digestive System

Food broken down for cellular use

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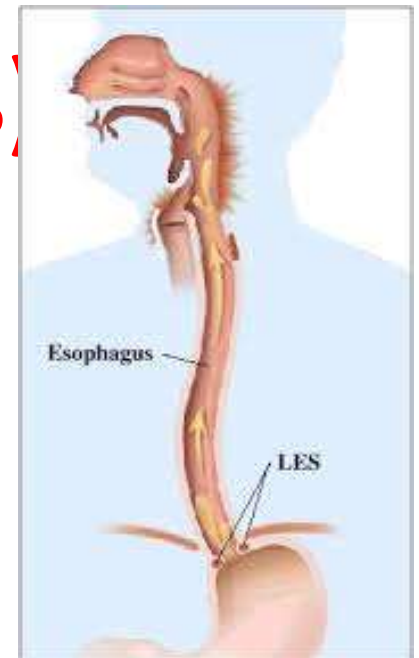
Digestive System

Food broken down for cellular use

5 major parts:

1. mouth (chemical/mechanical)

2. esophagus (peristalsis)



Digestive System

Food broken down for cellular use

5 major parts:

1. mouth (chemical/mechanical)
2. esophagus (peristalsis)
- 3. stomach (gastric juices)**



Digestive System

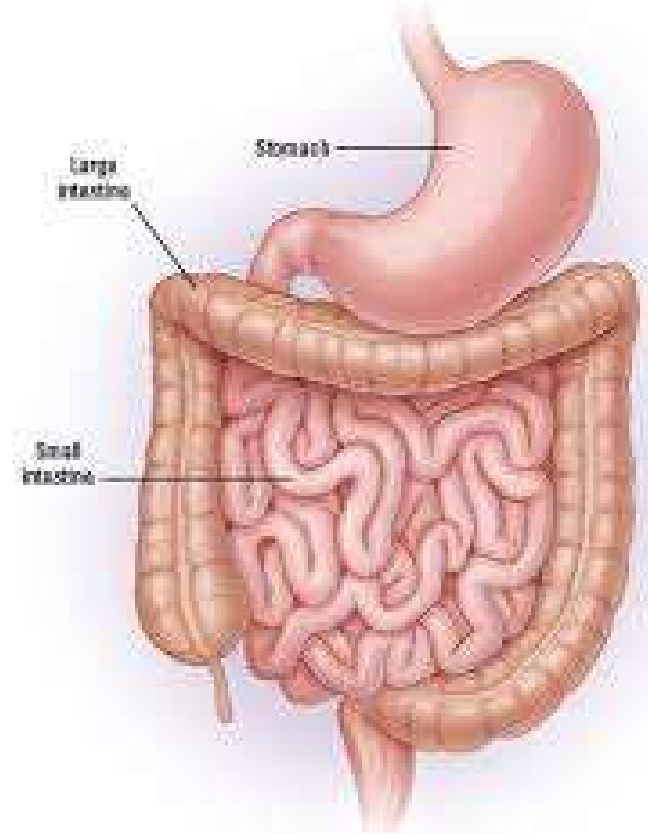
Food broken down for c

5 major parts:

1. mouth (chemical
2. esophagus (peris
3. stomach (gastric

4. sm. intest. (nutrients absorbed)

5. lg. intest. (vitamins produced)

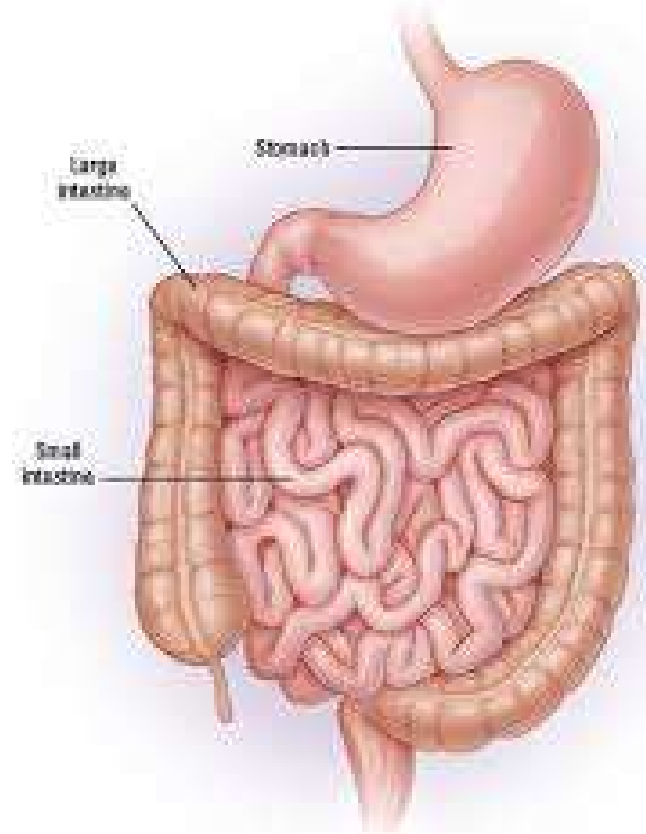


Digestive System

Food broken down for

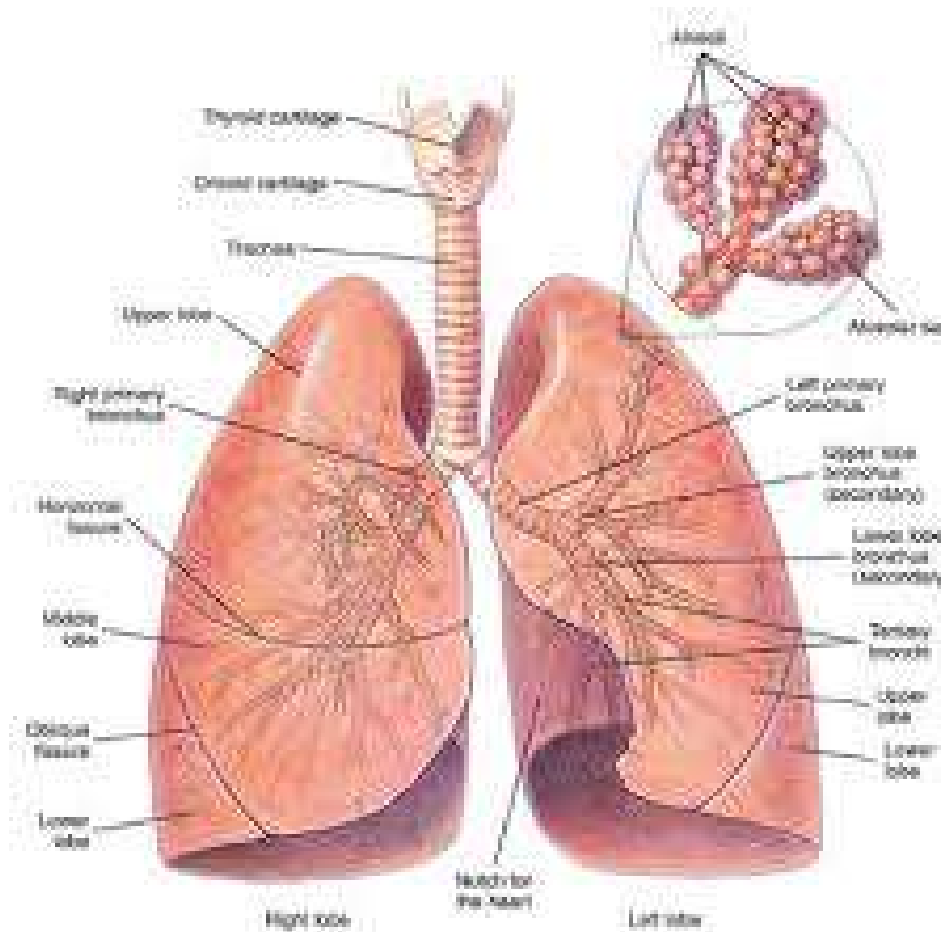
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1. mouth (chemical
2. esophagus (peris
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Respiratory / Excretory System

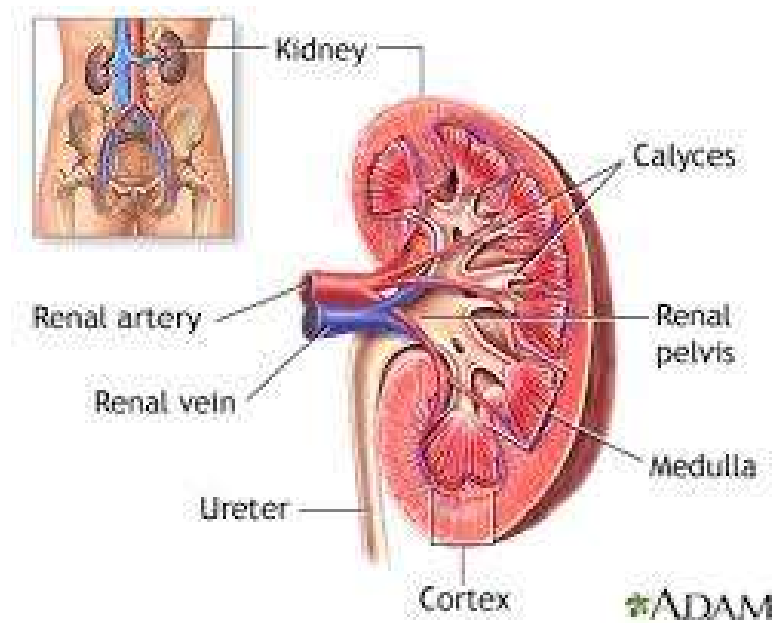
Lungs – obtain oxygen/ release CO₂



Respiratory / Excretory System

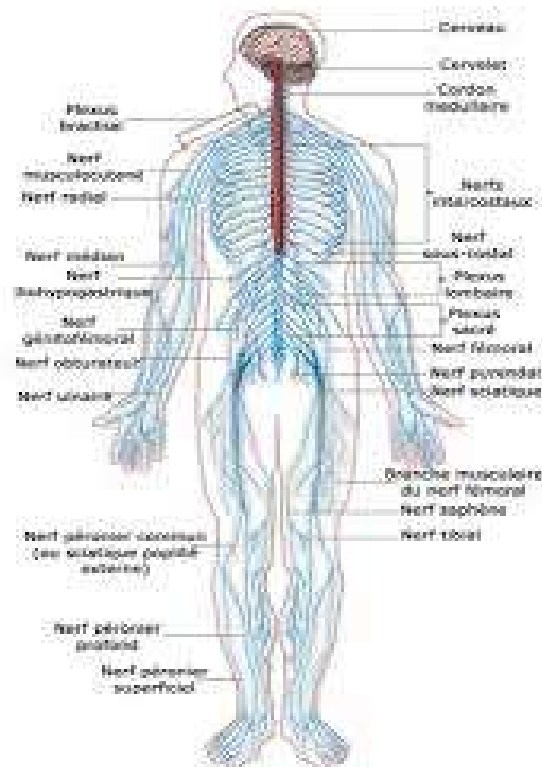
Lungs – obtain oxygen/ release CO₂

Kidneys – maintain salt balance & filter and eliminate wastes



Nervous System

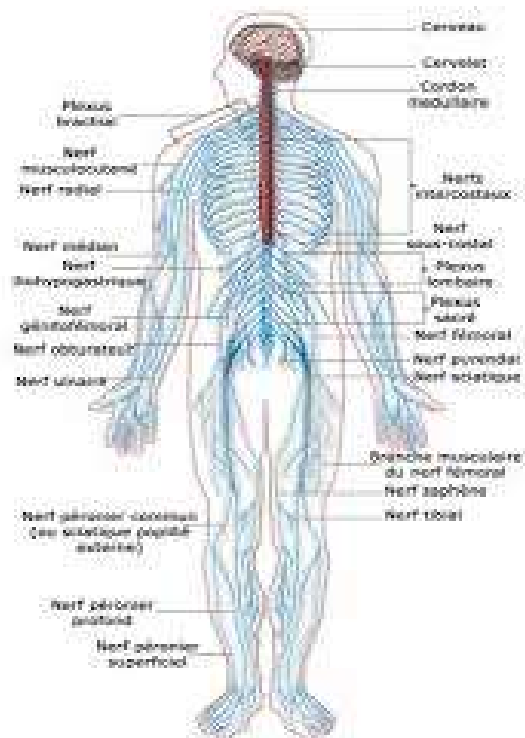
Sends and receives information



Nervous System

Sends and receives information

Monitors & responds to stimuli

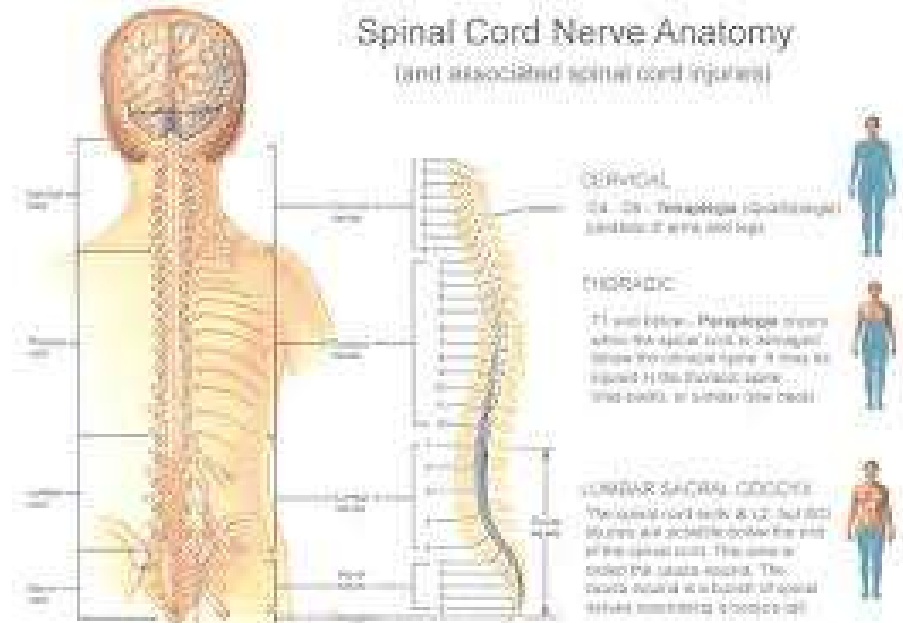
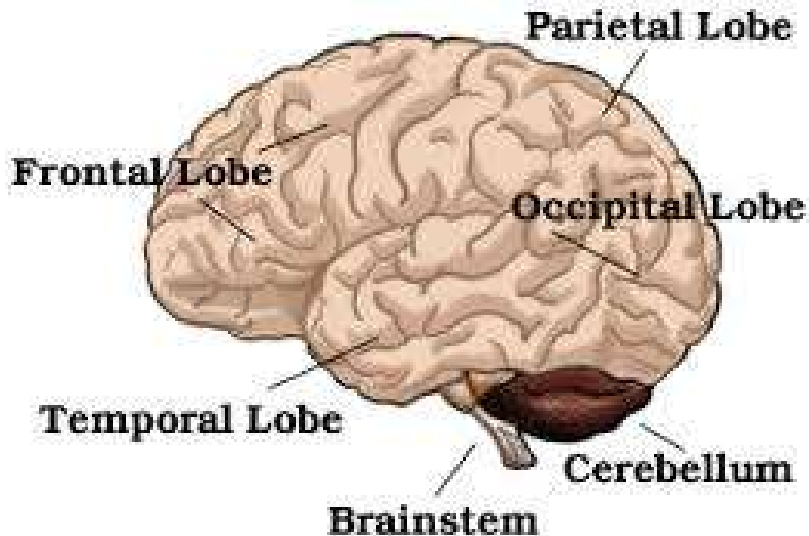


Nervous System

2 parts:

1. Central (brain & spinal cord)

2. Peripheral (links central to body)

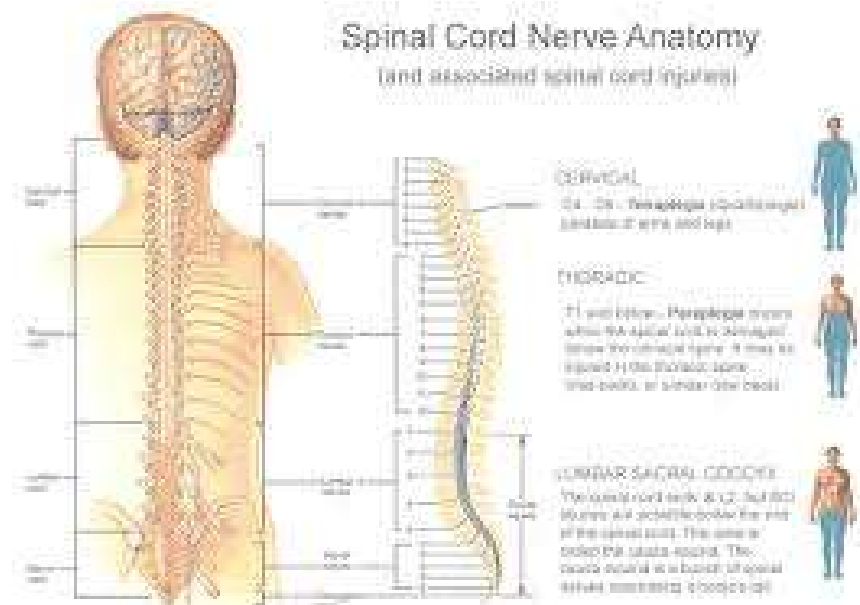
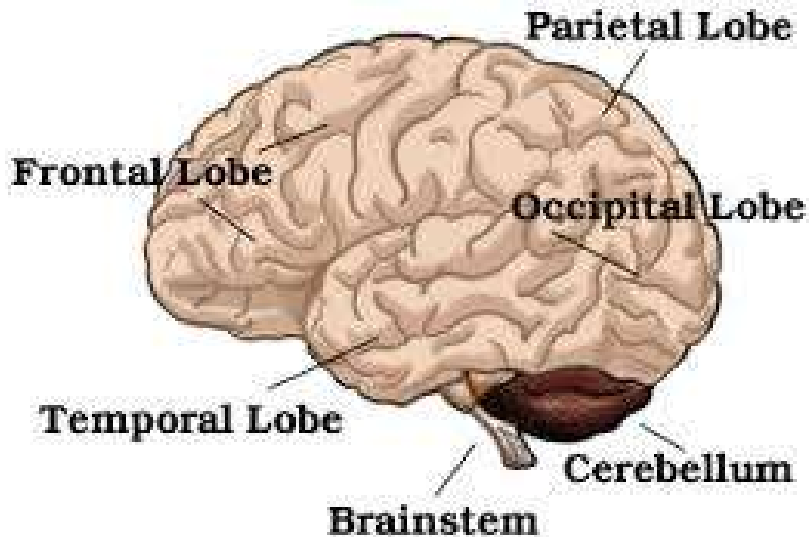


Nervous System

2 parts:

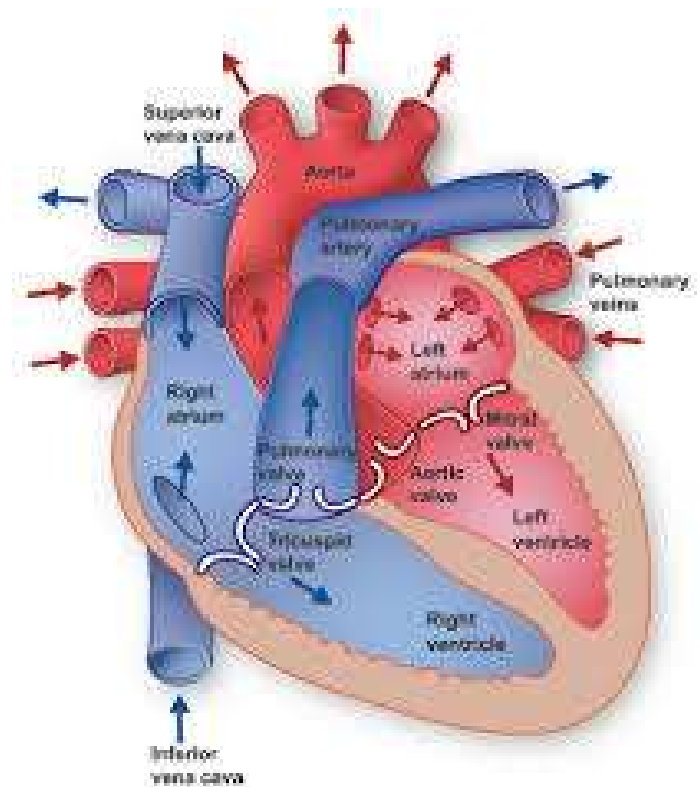
1. Central (brain & spinal cord)

2. Peripheral (links central to body)



Circulatory System

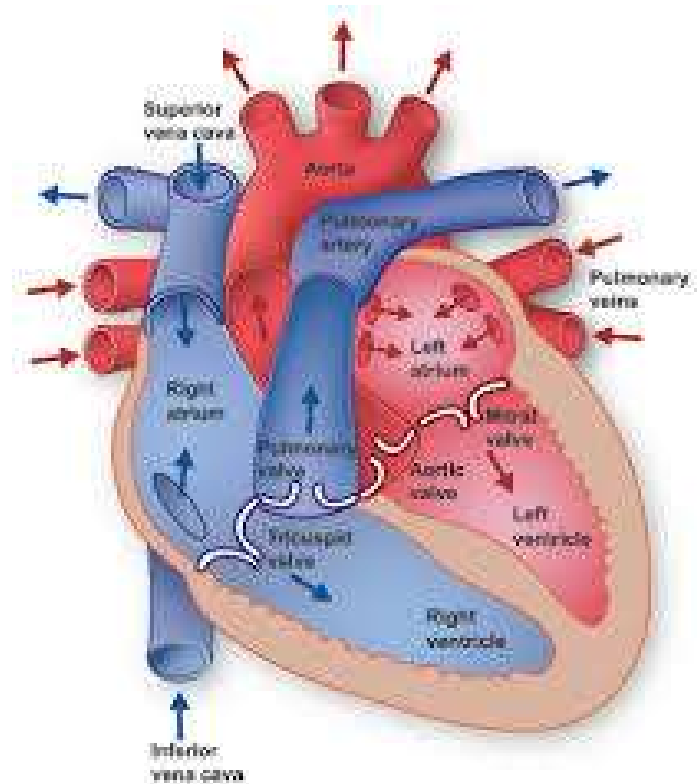
*** Delivers food and oxygen to cells and carries wastes and CO₂ away**



Circulatory System

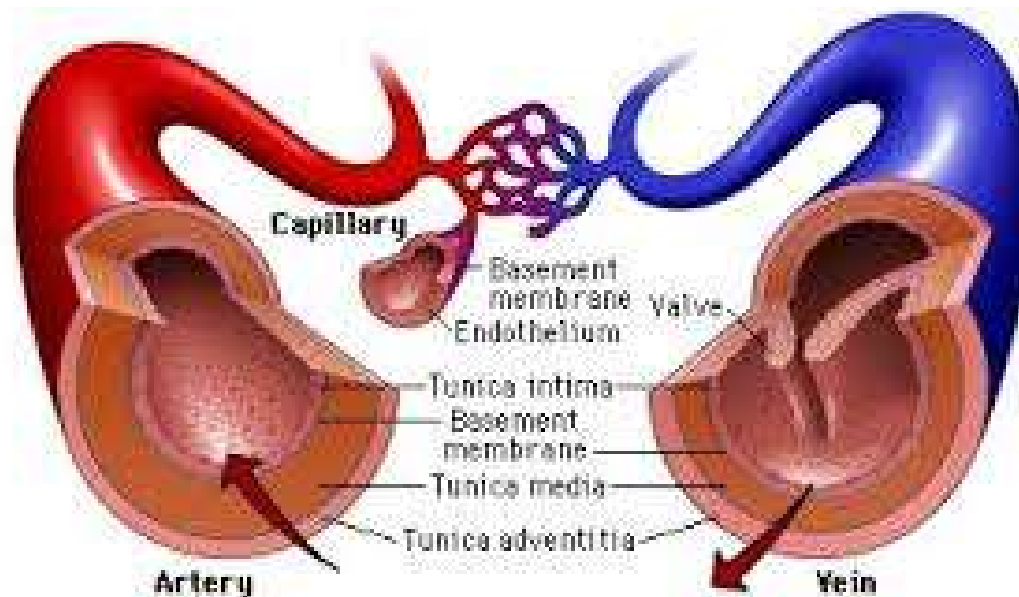
* Delivers food and oxygen to cells and carries wastes and CO₂ away

- Heart – central pump



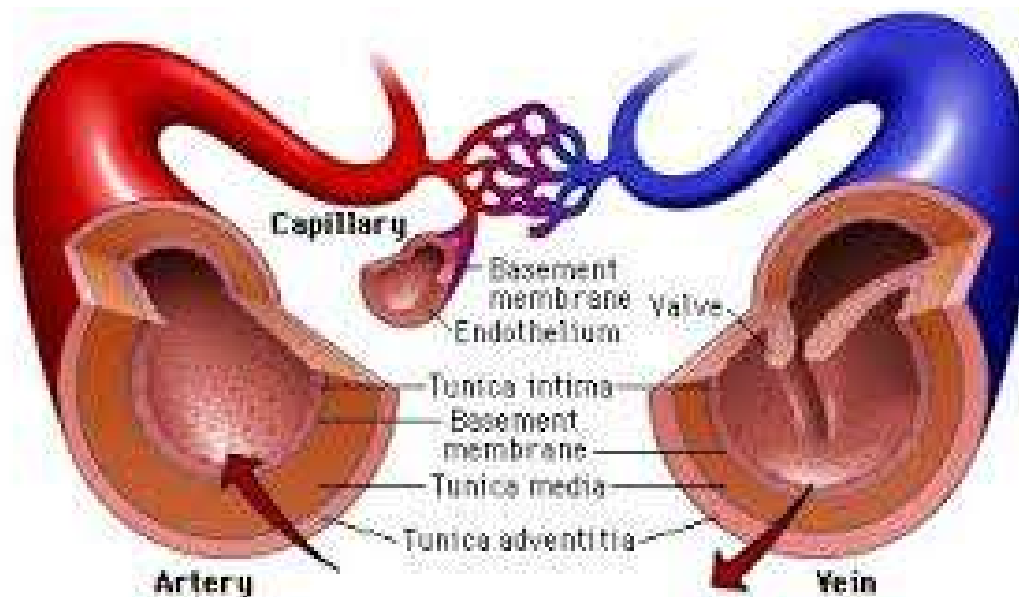
Circulatory System

- **Arteries – blood away from heart**



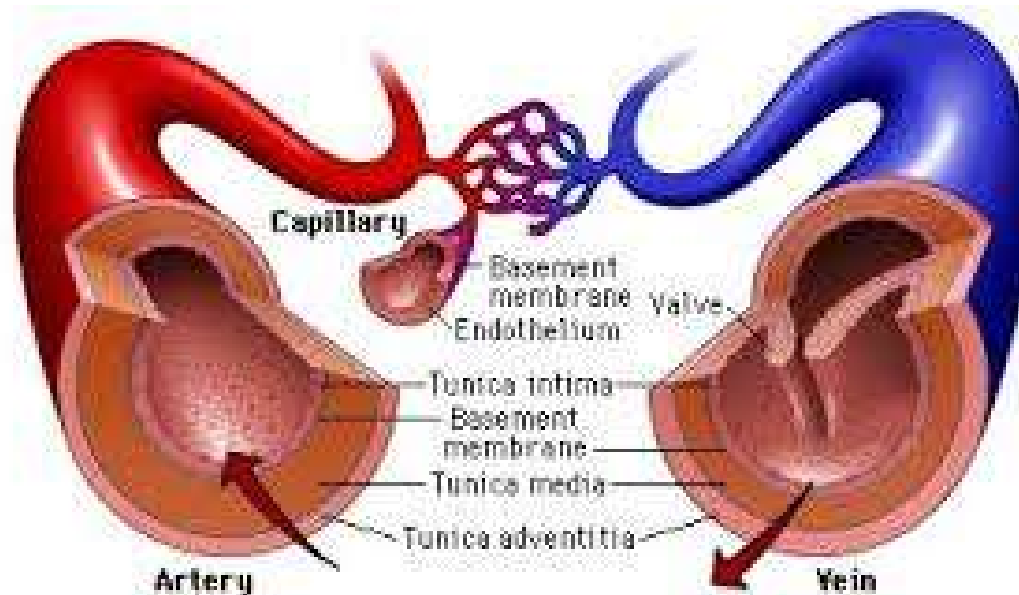
Circulatory System

- Arteries – blood away from heart
- **Veins – blood back to heart**



Circulatory System

- Arteries – blood away from heart
- Veins – blood back to heart
- **Capillaries – connect arteries/veins**



Circulatory System

- **Blood – plasma, red cells, white cells, platelets**

