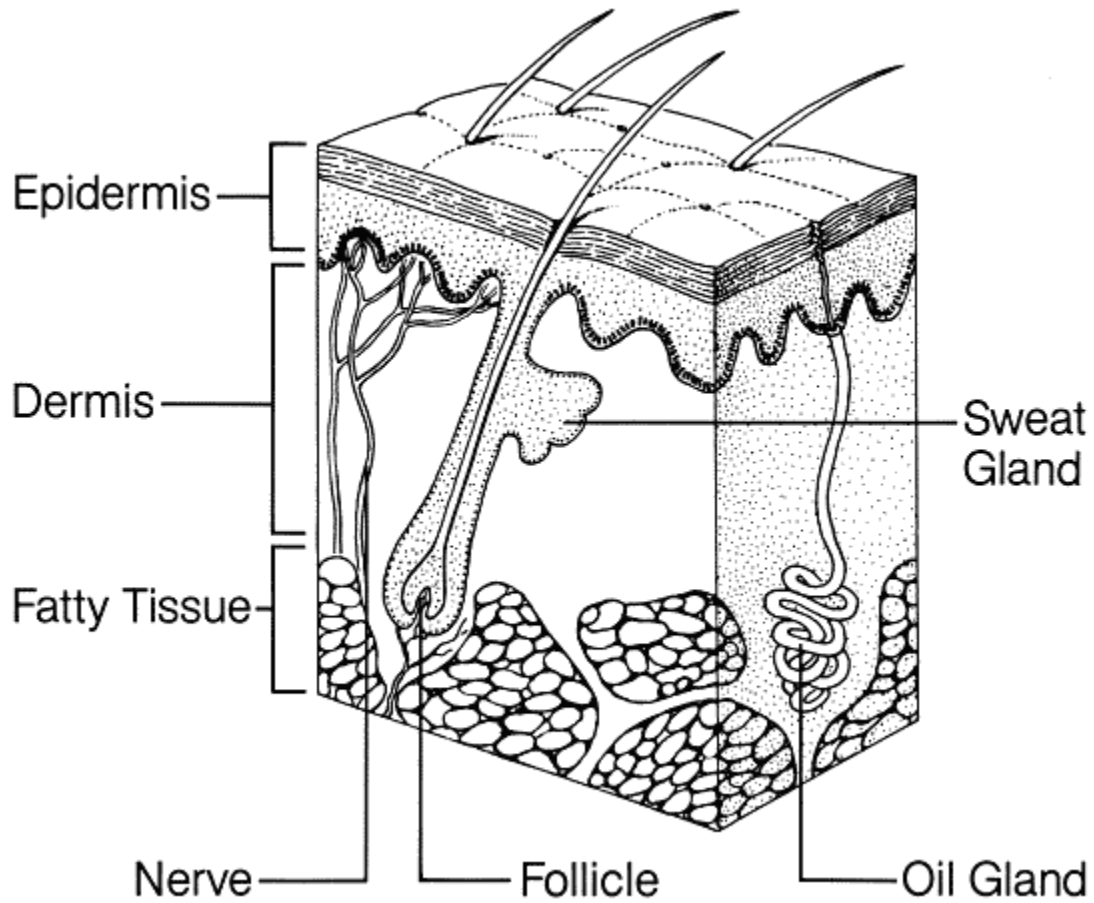


Organs

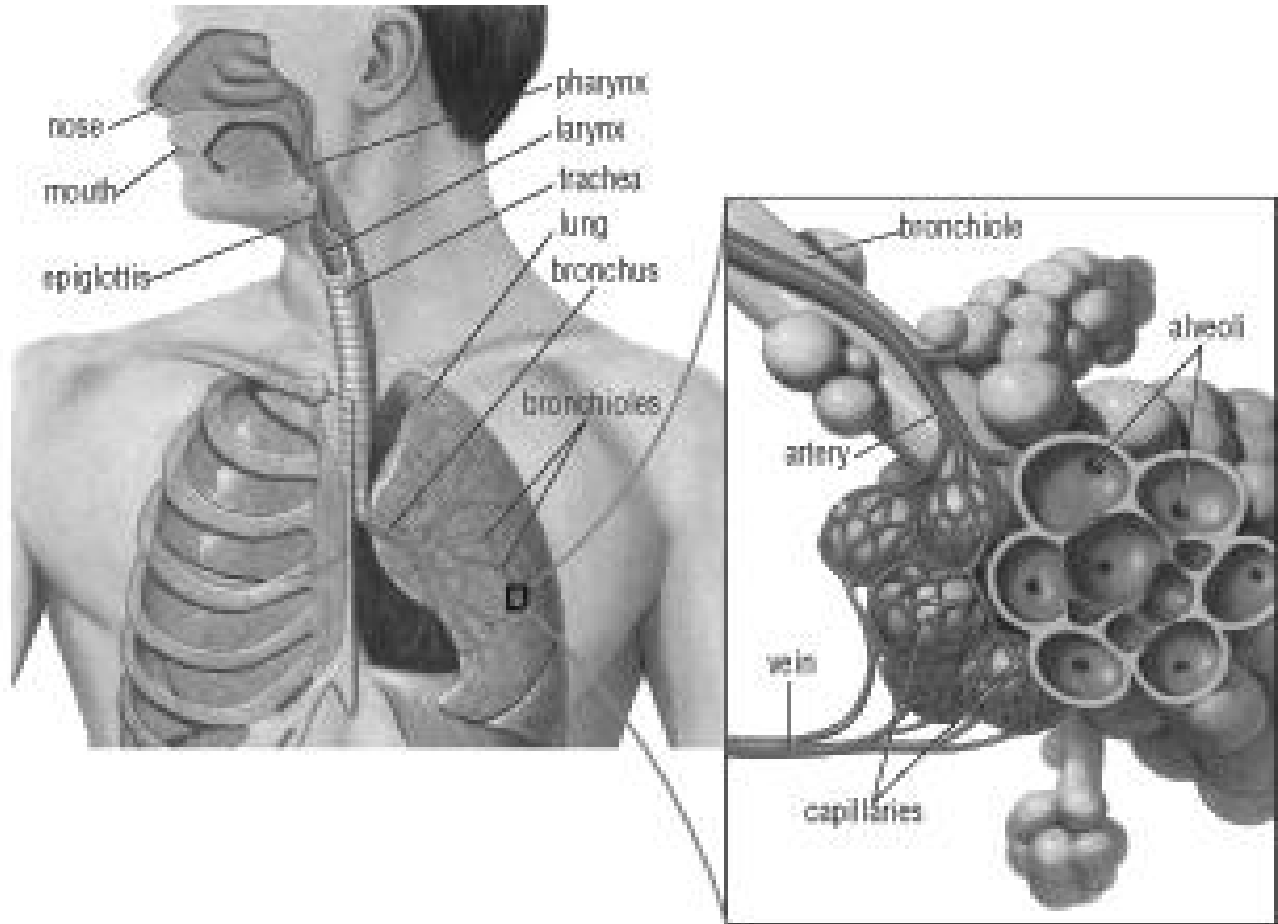
SKIN



1. What are the roles of the blood vessels?
2. What is the role of the sweat glands?

3. What is the role of the fat tissue?

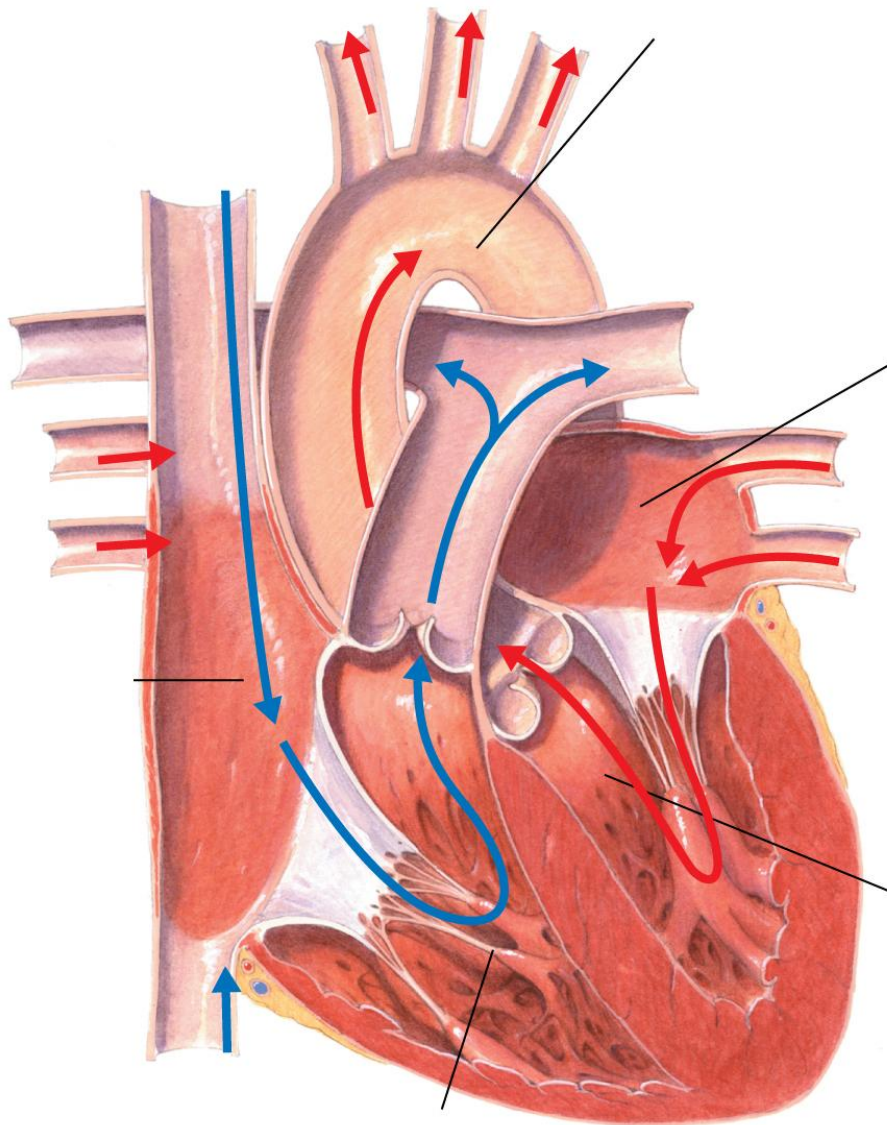
LUNGS



1. Where does oxygen and carbon dioxide exchange take place?

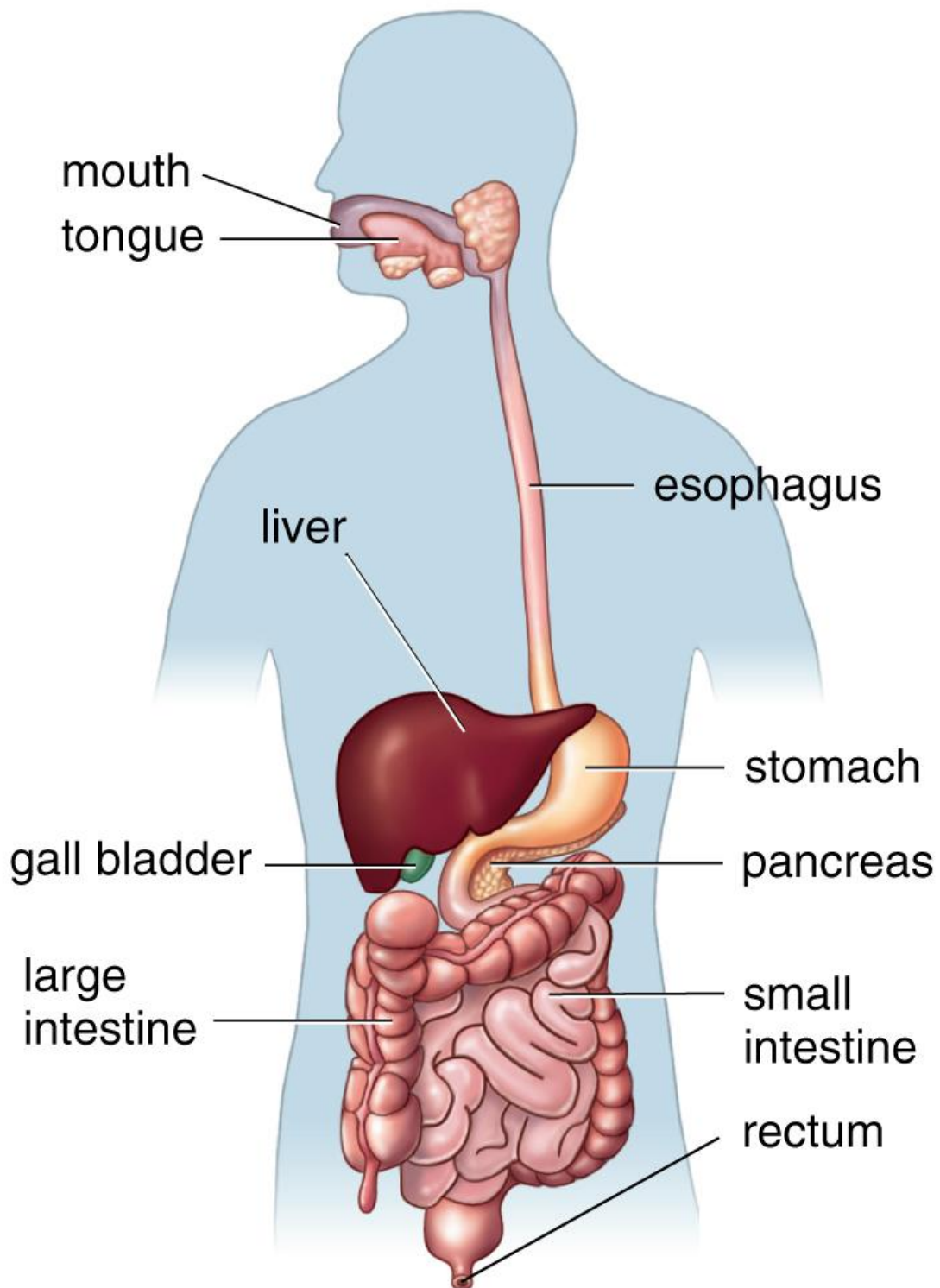
2. Starting with the nose create a list describing the pathway the air travels ending with the alveoli.

HEART



1. What is the difference between the left and right side of the heart?

ORGANS OF DIGESTION



What happens to the piece of food that enters the digestive system?

Animal organs

Organ

- A group of tissues working together to perform a particular function in an organism

Skin

- Protects the inner cells from damage
- Defense against disease
- Waterproof
- Insulates
- Helps control body temperature:
 - blood flow
 - sweat
 - goosebumps – raising hairs to keep warm air beside skin
- Excretes waste
- Makes vitamin D for bone development
- Nerve endings sense heat, pressure, pain

Lungs

- Exchange of gases from the bloodstream
- Designed to maximize surface area
- Alveoli are main area of gas exchange
- Oxygen diffuses into the blood
- Carbon dioxide diffuses out
- The concentration of carbon dioxide in our blood determines how often we inhale and exhale

Heart

- Pump for the circulation of blood
- Right side deoxygenated blood
- Left side oxygenated blood
- Pumps oxygenated blood to body and brain
- Pumps deoxygenated blood to lungs
- LUB – DUB are the sounds of the valves closing

Digestive Organs

- Break up food – mechanical and chemical
- Push food through the tube – peristalsis
- Absorb nutrients
- Makes vitamin K – in large intestine
- Removes excess waste
- Helps with water balance in the body