HW
22/6/21

1) How are the lungs designed in human beings to maximize the area for exchange of gases?

- The primary function of the lungs involves the transfer of oxygen from inhaled air into the blood and the transfer of CO_2 from the blood into the exhaled air.
- To increase the density of gas exchange surface, alveoli are formed on the ~~ac~~ inner airway tree, thus facilitating the diffusion of oxygen to and into the capillaries.

2) What are the functions of lymph in our body?

Functions of lymph :-

- It supplies nutrition and oxygen to those parts where blood can't reach.
- It drains away excess tissue fluids
- It returns proteins to the blood from the tissue spaces.
- Fats from the intestine are also absorbed through the lymph.

3) How is haemoglobin ~~also~~ associated with respiration?

Haemoglobin in the blood carries oxygen from the respiratory organs to the rest of the body. There it releases the oxygen to permit aerobic respiration to provide energy to power the functions of the organisms in the process called metabolism.