

HW 28/6/21

1. How are lungs designed in human beings to maximise the area of exchange of gases?

ans. The pair of lungs are designed in humans in such a way that they are lined by a thin membrane where the smaller tubes called Bronchioles a balloon like structure and the surface area for the exchange of gases have been increased by alveoli and blood capillaries.

(2) What is the function of lymph in our body?

ans → lymph carries the digested and absorbed fat from the intestine and drain ~~ex~~ excess fluid from extracellular space back into the blood.

→ lymph maintain the tissue fluid and the volume of the blood.

(3) How is Haemoglobin associated with respiration.

ans. Haemoglobin ^{in blood} take the oxygen and supply it to the organs or tissue which are deficient in oxygen. hence haemoglobin is also associated with respiration.