

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

Ans) In humans, a pair of lungs are designed in such a way that they are lined by a thin membrane, the smaller tubes called bronchioles a balloon like-structure called alveolus and a network of blood capillaries increase the surface area for the exchange of gases.

Q. How are Haemoglobin associated with respiration?

Ans) Hemoglobin 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 organism in the process of metabolism.

What are the functions of lymph in our body.

Ans)

Lymphatic system, is a part of our immune system, and has many functions. They include protection of body from illness causing germs/invaders, maintain body fluid levels, absorbing digestive tract fats and removing cellular waste.