

Pg 110, Q2) Why is it necessary to separate oxygenated and deoxygenated blood in mammals and birds?

Ans:- In birds and mammals have a double circulation system where both the oxygenated and deoxygenated blood maintains separate. They must separate oxygenated and deoxygenated blood so that their circulatory system is more efficient and can maintain their constant body temperature.

Q11) Describe double circulation of blood ~~to~~ in human beings. Why is it necessary?

Ans :- The heart of human beings consists of two sides right and left. The right side of the heart receives deoxygenated blood and sends it further for purification ~~of~~ to lungs. The left side of heart receives oxygenated blood from the lungs which is pumped further and sent to all the parts of the body through blood vessels. This is called double circulation.