

H/W
13/05/21

In box question

3) 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.

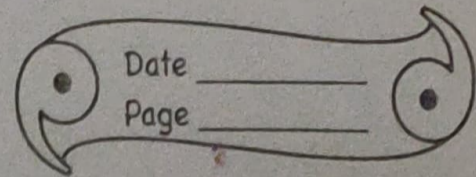
→ Hence, these animals require more oxygen for more cellular respiration to produce more energy to maintain their body temperature.

→ They must separate oxygenated & deoxygenated blood so that their circulatory system is more efficient and can maintain their constant body temperature.

Exercise question 11.

11) Describe double circulation of blood in human beings. Why is it necessary?

→ Double circulation is important as it ensures provision of oxygenated blood to the muscle.



and not a mixture of oxygenated
and deoxygenated blood to the muscles.