

HOME ASSIGNMENTS

Pg-110, Q no.-2

2) Why is it necessary to separate oxygenated and deoxygenated blood in mammals and birds?

(ans) It is necessary in mammals and birds to separate oxygenated and deoxygenated blood because this makes their circulatory system is more efficient and helps in maintaining constant body temperature.

Exercise Q no-11

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

(ans) The heart of human beings consist of two sides right and left. The right side of heart receives deoxygenated blood and sends it further for purification to lungs. The left side of heart

receives oxygenated blood from lungs which is pumped further and sent to all the parts of the body through blood vessels. This is called as ~~simple~~ ~~circulation~~ ~~system~~ Double Circulation. This double circulatory system is important because it ensures provision of oxygenated blood to the muscle and not a mixture of oxygenated and de-oxygenated blood. Hence, this system ensures efficient supply of oxygenated blood to the muscles.