

Name: _____ Date: _____

Transportation in Animals and Plants

Q1. What will happen if there are no platelets in the blood?

Ans. _____

Q2. Why is heart known as the pumping organ of the human body?

Ans. _____

Q3. What is Dialysis?

Ans. _____

Q4. Why do veins have thin walls compared to arteries?

Ans. _____

Transportation in Animals and Plants

Q1. What will happen if there are no platelets in the blood?

Ans. Platelets are tiny blood cells that help our body form clots to stop bleeding. When we don't have enough platelets in our blood, our body cannot form clots and bleeding won't stop which can be fatal.

Q2. Why is heart known as the pumping organ of the human body?

Ans. The heart is muscular organ which beats continuously to act as a pump for the transport of blood, which carries other substances with it. Blood provides the body with oxygen and nutrients, as well as assists in the removal of metabolic wastes.

Q3. What is Dialysis?

Ans. Sometimes a person's kidneys may stop working due to infection or injury. As a result of kidney failure, waste products start accumulating in the blood. Such persons cannot survive unless their blood is filtered periodically through an artificial kidney. This process is called dialysis.

Q4. Why do veins have thin walls compared to arteries?

Ans. Arteries and veins experience differences in the pressure of blood flow.

Arteries experience a pressure wave as blood is pumped from the heart.

This can be felt as a "pulse." Because of this pressure the walls of

arteries are much thicker than those of veins.