

Name: _____ Date: _____

Transportation in Animals and Plants

Q1. How does the blood carry various substances?

Ans. _____

Q2. State one function of the following: i. Arteries ii. Veins iii. Capillaries

Ans. _____

Q3. What are stomata? Give two functions of stomata.

Ans. _____

Transportation in Animals and Plants

Q1. How does the blood carry various substances?

Ans. Blood is the fluid which flows in blood vessels. It transports substances like digested food from the small intestine to the other parts of the body. It carries oxygen from the lungs to the cells of the body. It also transports waste for removal from the body.

Q2. State one function of the following: i. Arteries ii. Veins iii. Capillaries

Ans. Arteries - Arteries carry blood from the heart to all parts of the body.

Veins - Veins carry blood from all parts of the body back to the heart.

Capillaries - Capillaries are the smallest of the body's blood vessels. They carry oxygen and other nutrients from the bloodstream to other tissues in the body; they also collect carbon dioxide waste materials fluids for return to the veins.

Q3. What are stomata? Give two functions of stomata.

Ans. There are small openings on the surface of the leaves. These openings are called stomata. These openings are surrounded with guard cells.

Function of stomata

i. The water evaporates through the stomata present on the surface of the leaves by the process of transpiration.

ii. The evaporation of water from leaves generates a suction pull which can pull water to great heights in the tall trees.

iii. It helps in exchange of gases.