

Name: _____ Date: _____

Transportation in Animals and Plants

Q1. Does transpiration serve any useful function in the plants? Explain.

Ans. _____

Q2. Why is blood needed by all the parts of a body?

Ans. _____

Q3. What are the three types of cells present in blood?

Ans. _____

Transportation in Animals and Plants

Q1. Does transpiration serve any useful function in the plants? Explain.

Ans. Plants absorb mineral nutrients and water from the soil. Not all the water absorbed is utilised by the plant. The water evaporates through the stomata present on the surface of the leaves by the process of transpiration. The evaporation of water from leaves generates a suction pull which can pull water to great heights in the tall trees. Transpiration also cools the plant.

Q2. Why is blood needed by all the parts of a body?

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. Thus blood is needed by all the parts of a body.

Q3. What are the three types of cells present in blood?

Ans. The three types of cells present in blood are:

- i. Red blood cells (RBC) which contain a red pigment called haemoglobin.
- ii. The blood also has white blood cells (WBC) which fight against germs that may enter our body.
- iii. Platelets cells which helps in the clotting of the blood.