

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Transportation in Animals and Plants

Q1. What are the components of blood?

Ans.

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Q2. Differentiate between arteries and veins.

Ans.

<u>Arteries</u>	<u>Veins</u>
1.	1.
2.	2.
3.	3.
4.	4.

Transportation in Animals and Plants

Q1. What are the components of blood?

Ans. Blood is a liquid, which has cells of various kinds suspended in it.

- i. The fluid part of the blood is called plasma.
- ii. One type of cells are the red blood cells (RBC) which contain a red pigment called haemoglobin. Haemoglobin binds with oxygen and transports it to all the parts of the body and ultimately to all the cells.
- iii. The blood also has white blood cells (WBC) which fight against germs that may enter our body.
- iv. Another type of cells in the blood are called platelets. It helps in the clotting of the blood.

Q2. Differentiate between arteries and veins.

<u>Arteries</u>	<u>Veins</u>
1. Arteries carry blood from the heart to all parts of the body.	1. Veins carry blood from all parts of the body back to the heart.
2. Arteries carry oxygen-rich blood.	2. Veins carry carbon dioxide-rich blood.
3. There are no valves present in arteries.	3. There are valves present in veins which allow blood to flow only towards the heart.
4. The arteries have thick walls.	4. The veins have thin walls.