

7.00

Transportation

Date _____
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1. Heart, blood, and blood vessels are the main components of transport system in human beings.

Function of these components

Heart

Heart pumps oxygenated blood throughout the body. It receives deoxygenated blood from the various body parts and sends the impure blood to the lungs for oxygenation.

Blood

Blood transports oxygen, nutrients, CO_2 and nitrogenous waste.

Blood vessels

Blood vessels, arteries and veins carry blood to all parts of body.

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Hemoglobin is a protein responsible for transportation of oxygen to the body cells for cellular respiration. Deficiency of Hemoglobin can affect ~~deficiency~~ or affect the oxygen carrying capacity of RBC's. This leads to lack of oxygen in our body cells. Hemoglobin deficiency leads to a disease called as anemia.