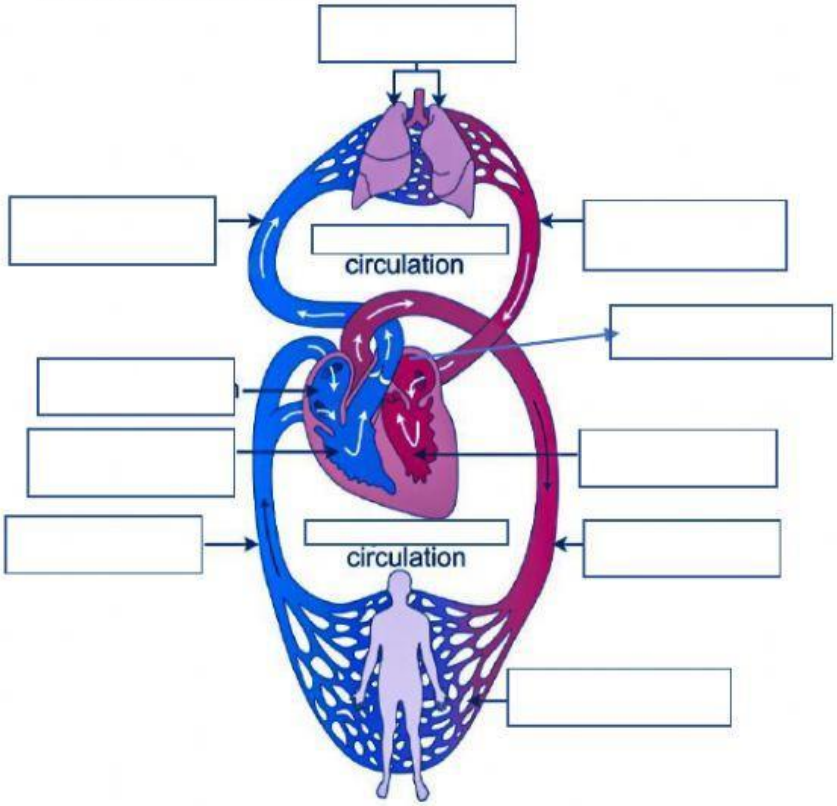
DOUBLE CIRCULATION in Human



Pulmonary Artery
Pulmonary vein
Right Atrium
Right Ventricle
Venacava
Aorta
Blood Tissues
Left Atrium
Lungs
Pulmonary
systemic
Left Ventricle

Read the Notes given below before drag and drop of answers

Two Types of Circulation: Double Circulation in Human

1. Pulmonary Circulation

- Lungs are involved in this type of circulation.
- In this pathway, when deoxygenated blood is transferred to the lungs via the pulmonary artery and that deoxygenated blood comes from the right atrium to the right ventricle and then pulmonary artery.
- Now, carbon dioxide is removed and oxygen enters as a result of which blood carries oxygenated blood.
- This oxygenated blood is carried by Pulmonary Vein to the Left Atrium. Further, this blood goes to the Left Ventricle.

2. Systemic Circulation

- All systemic organs and tissues are involved in this type of circulation.
- Oxygenated blood will go to the tissues and organs via Aorta when then becomes deoxygenated as a result of by-products (CO_2) of metabolic and respiration processes.
- This deoxygenated blood is carried by Vena Cava to the right atrium and then further into the right ventricle.

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