

Unit-1 Human Body

- Circulatory System

A group of blood cells, blood vessels and heart which is responsible for the circulation of blood in the body.

- It was discovered by William Harvey in 1628 A.D.

- Parts of circulatory system;

- Heart

- Blood

- Blood vessels.

Classwork

1. Write down circulatory system.
→ It is a group of blood cells,

blood vessels and heart which is responsible for the circulation of blood in the body.

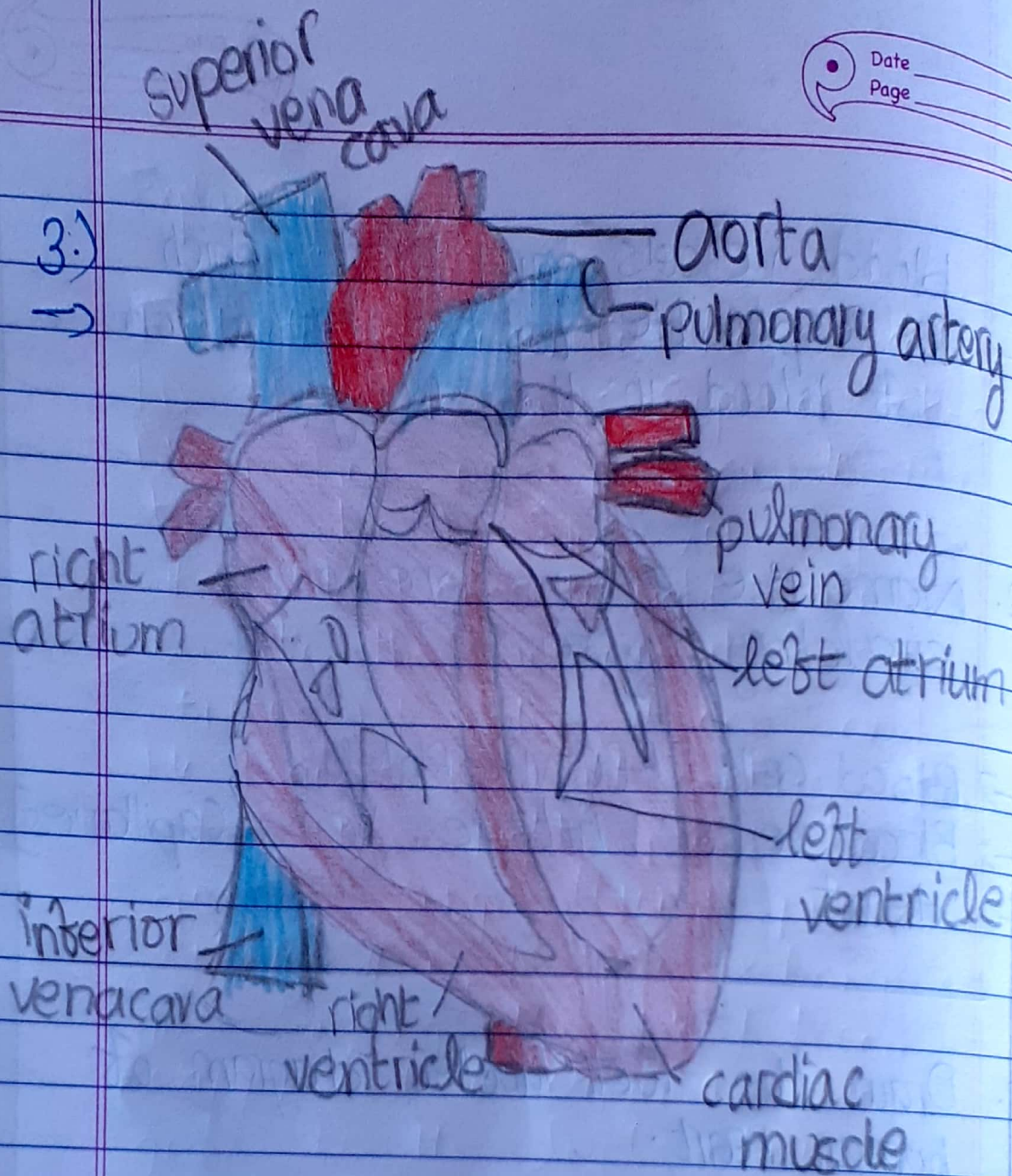
2. Name the organs present in circulatory system.

- Blood cells [RBC, WBC, Platelets]
 - Blood vessels [Arteries, Veins, Capillaries]
 - Heart
-

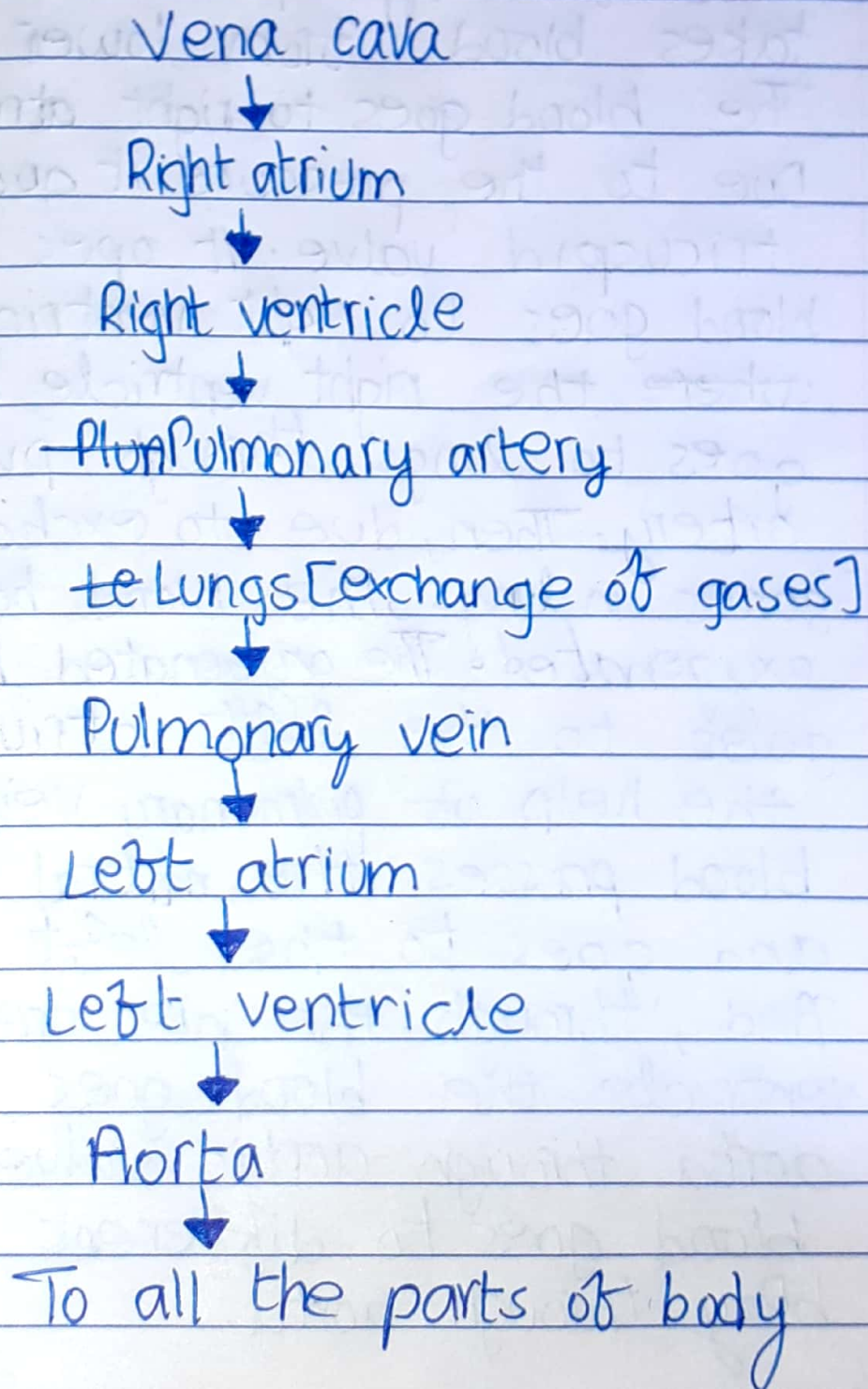
3. Draw the well labelled diagram of human heart.

→

→



#. Draw a flow chart of human circulation of blood in human heart and explain them.



Explaining;

First, the deoxygenated blood is collected by the venacavas. Superior takes blood from upper part and inferior takes blood from lower part. The blood goes to right atrium. Due to the pressure, it goes to tricuspid valve. It opens and blood goes to right ventricle. From where the right ventricle, blood goes to lungs through pulmonary artery. Then, due to exchange of gases in lungs, the blood becomes oxygenated. The oxygenated blood goes to the left atrium by the help of pulmonary vein and blood passes the mitral valve and goes to the left ventricle. And, through the pressure in left ventricle the blood goes to aorta through aortic valve. At last, blood goes to different parts of body through aorta.