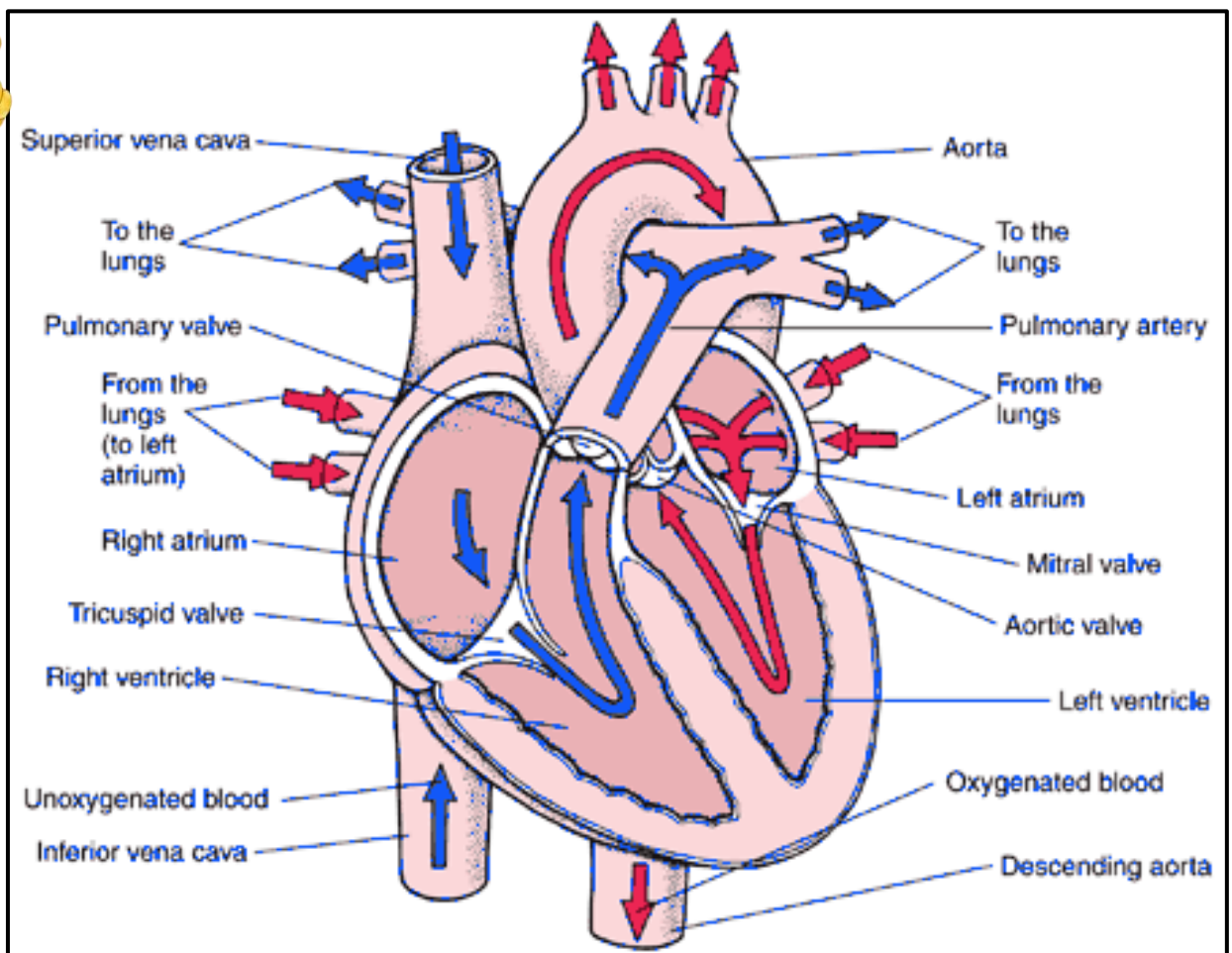


Name of the student: .....Date: 17/10/2020

### Circulation of Blood through Heart:

There are two types of circulation within the body, namely pulmonary circulation and systemic circulation.

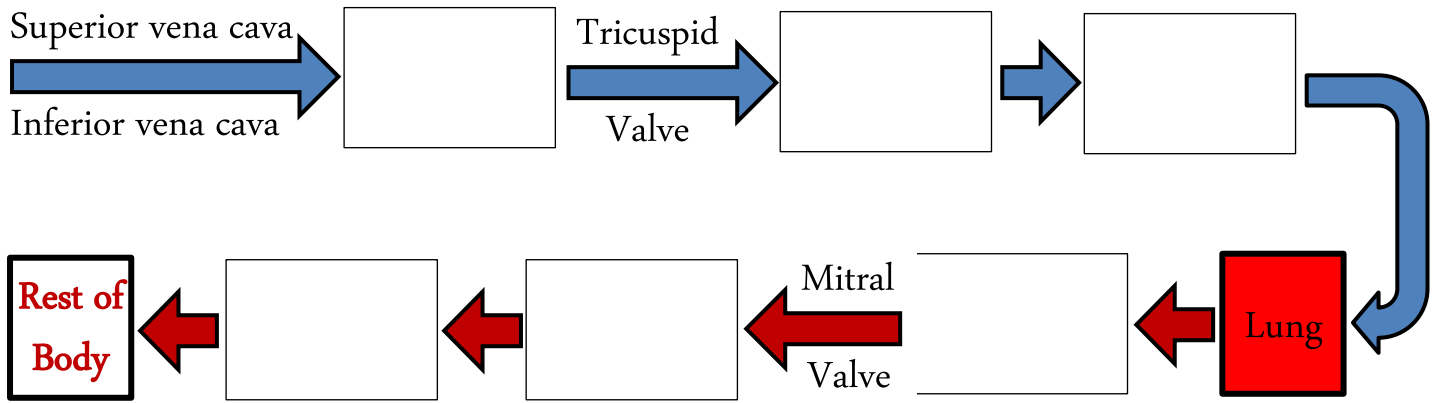
- 1) **Pulmonary circulation** is a portion of circulation responsible for **carrying deoxygenated blood away from the heart**, to the lungs and then brings oxygenated blood back to the heart.
- 2) **Systemic circulation** is another portion of circulation where the **oxygenated blood is pumped from the heart to every organ** and tissue in the body, and deoxygenated blood comes back again to the heart.



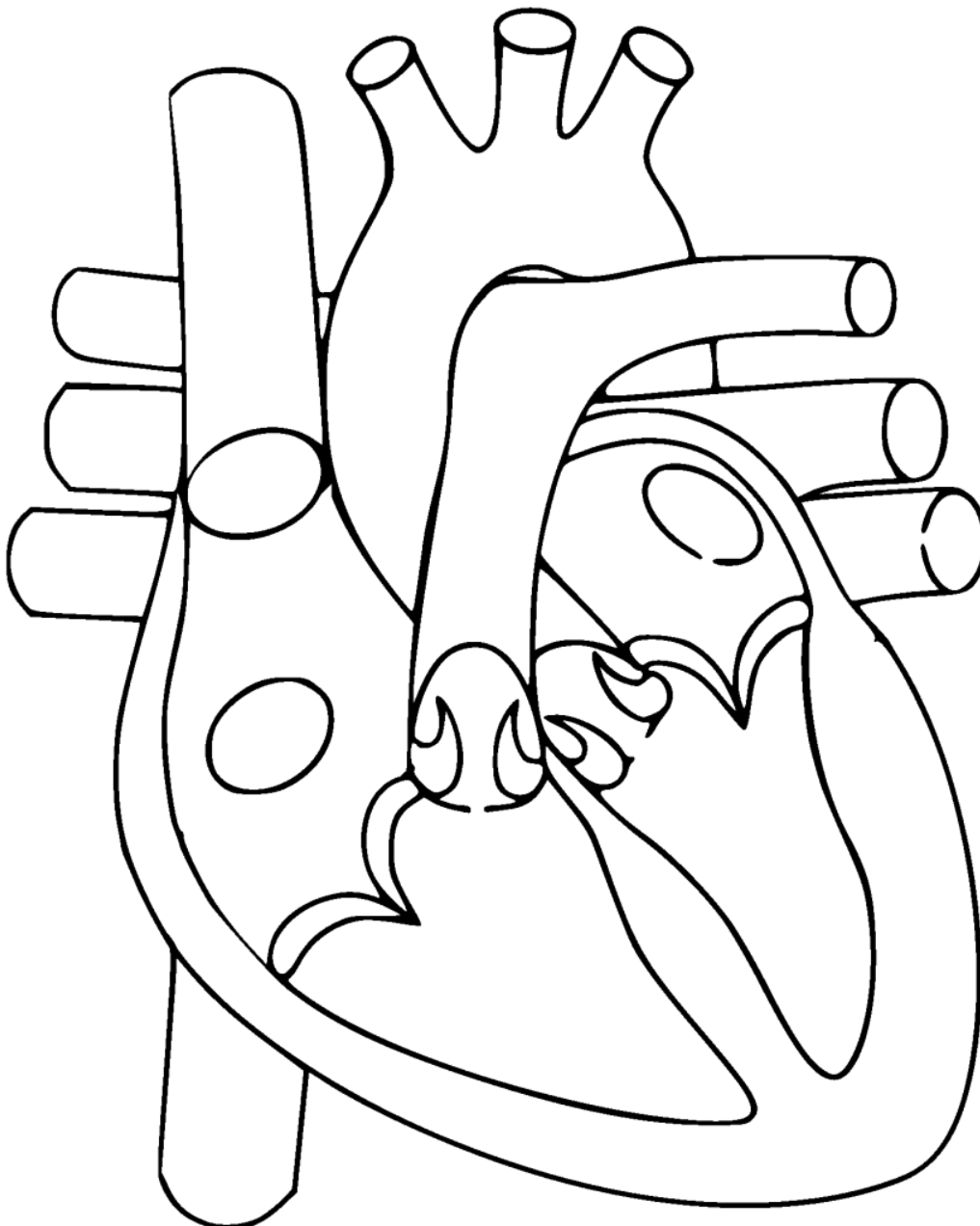
Now, the heart itself is a muscle and therefore, it needs a constant supply of oxygenated blood. This is where another type of circulation comes into play, the coronary circulation.

- ✓ **Coronary circulation** is an essential portion of the circulation, where oxygenated blood is supplied to the heart. This is important as the heart is responsible for supplying blood throughout the body.

Q. Complete the following flow chart.



Q. Show blood flow in the following figure with arrow marks.



Q. Explain blood circulation through the heart.

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