



SUBJECT: BIOLOGY

CHAPTER: 7

CHAPTER NAME: LIFE PROCESSES.

PERIOD-7

CHANGING YOUR TOMORROW

Website: www.odmegroup.org

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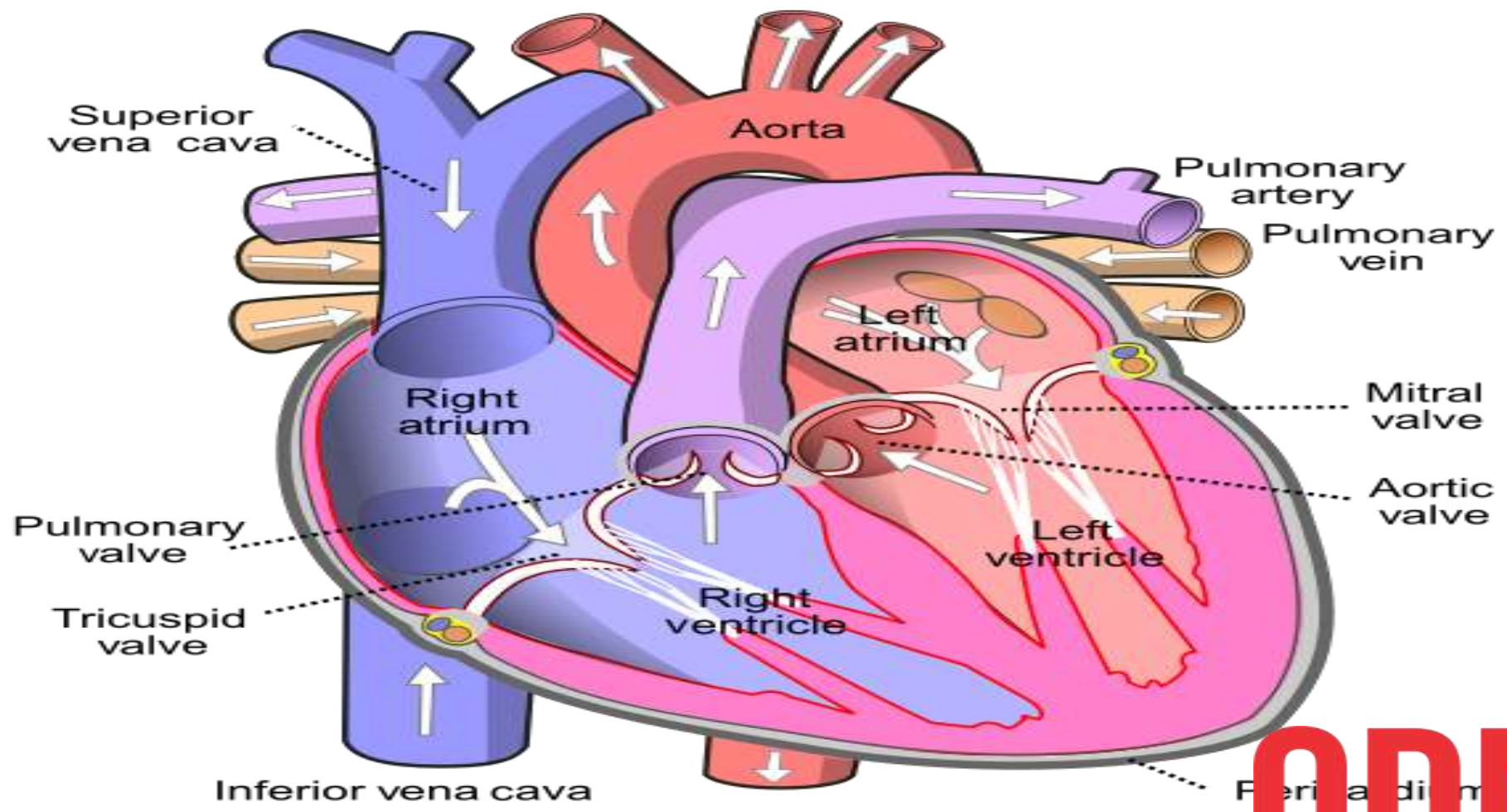
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Circulation of Blood through the heart:

- Systemic Vein → Sinus Venosus → Right Auricle → Right Ventricle → Pulmonary Artery → Lungs → Pulmonary Vein → Left Auricle → Left Ventricle → Trunchus Arteriosus → SystemicCirculation



- <https://www.youtube.com/watch?v=zUam38Zk-6Q>



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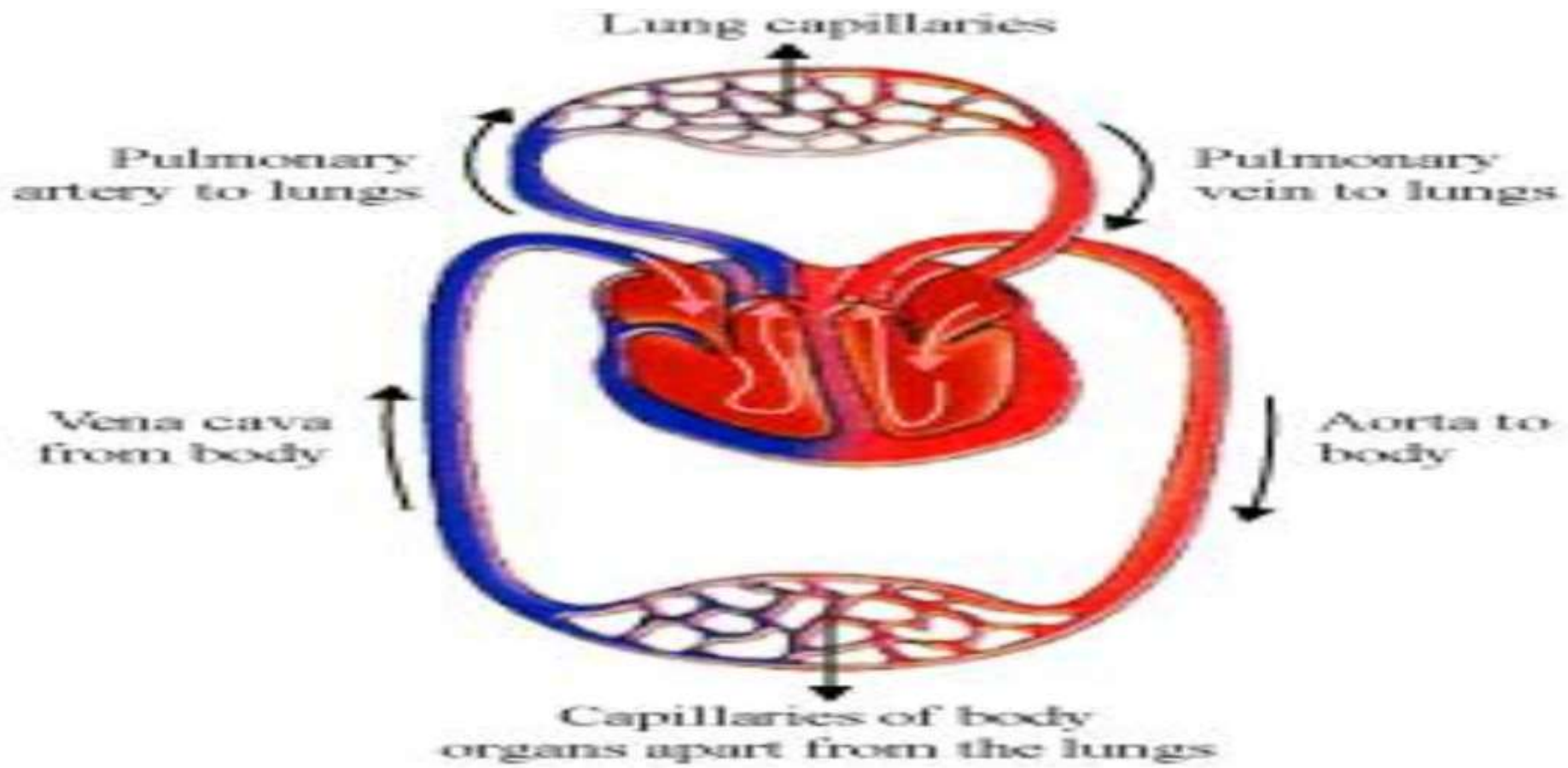
Double circulation

- The blood circulation in human beings is an example of double circulation
- In human circulatory system the blood from heart to the lungs and back to the heart is called pulmonary circulation and the blood from the heart to the rest part of the body back to the heart is called systemic circulation. This two types of circulation taken together make double circulation.



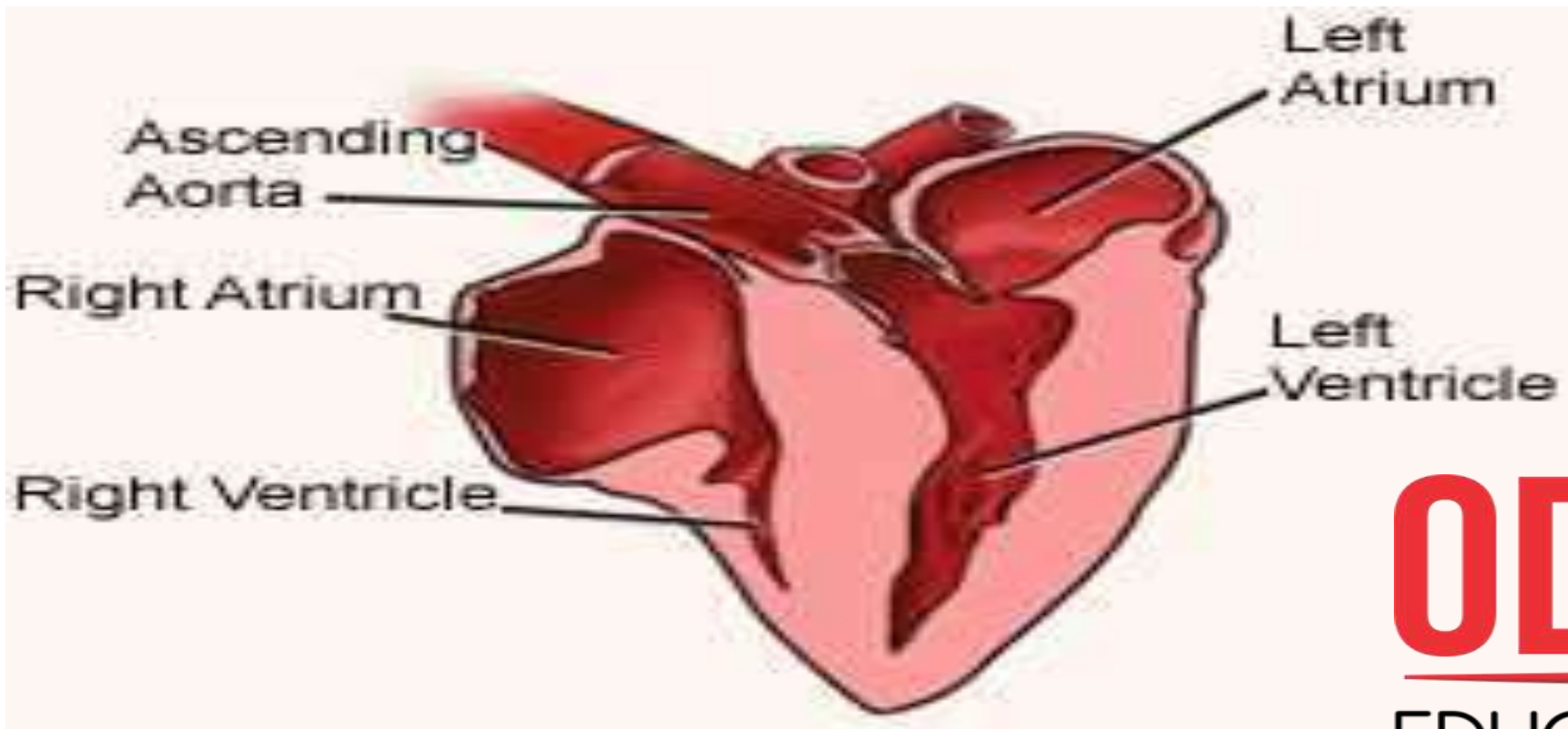
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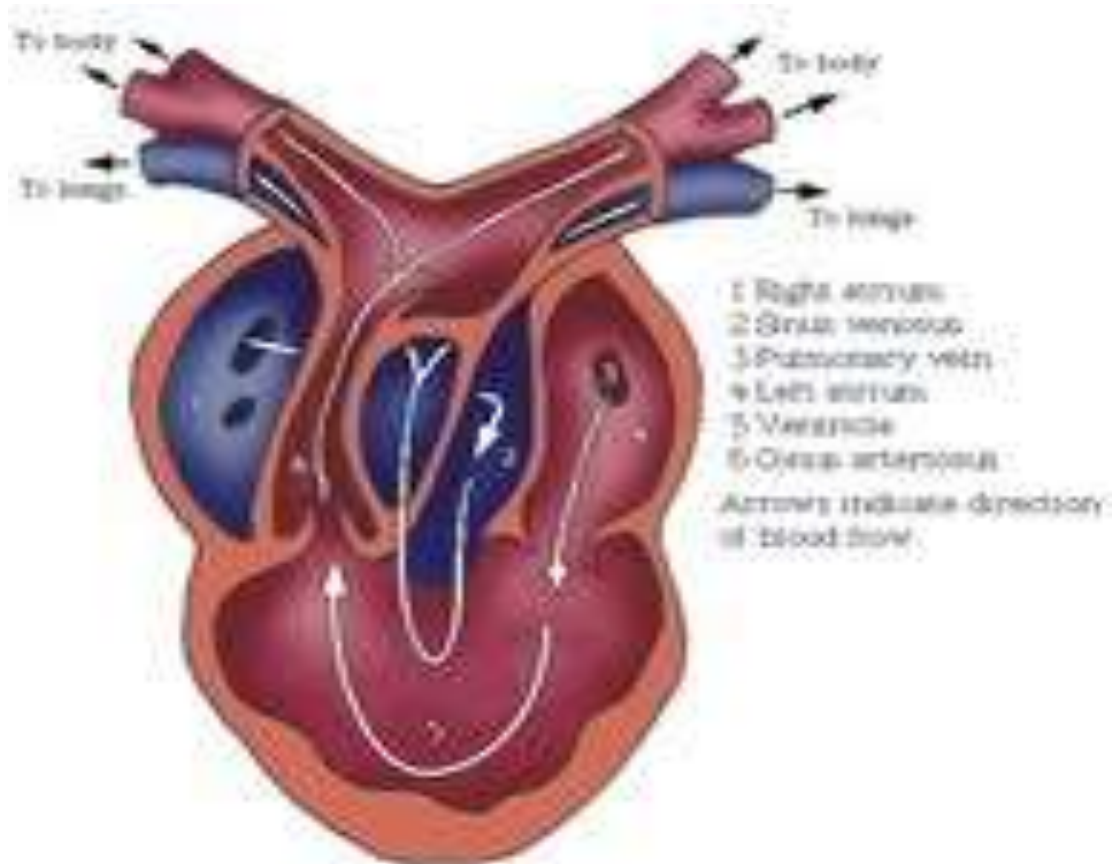
Heart of different vertebrates

- In birds and mammals have four chambered



In reptiles and amphibians

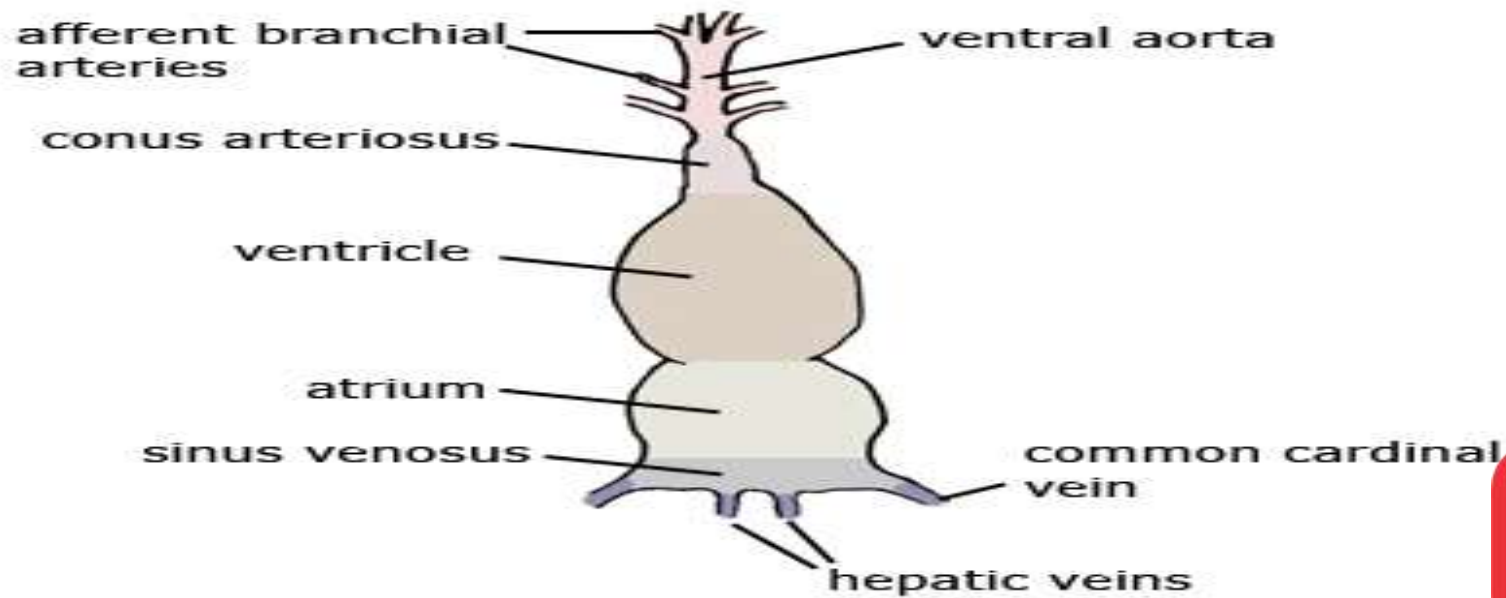
- Reptiles and amphibians have three chambered heart



In fish

- Fish have two chambered heart

Diagrammatic view of fish heart



Blood pressure

- When blood flows in the blood vessels it exerts a force against the wall of the vessels. This force is called blood pressure.
- For a normal person the normal BP is 120/80 mm Hg



HOME ASSIGNMENTS

- In box Question - 2 Pg No-110 and Exercise Question No-11



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