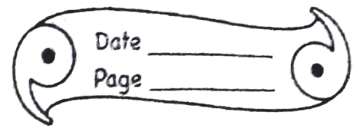


H.W
2/9/2021

Home Assignment

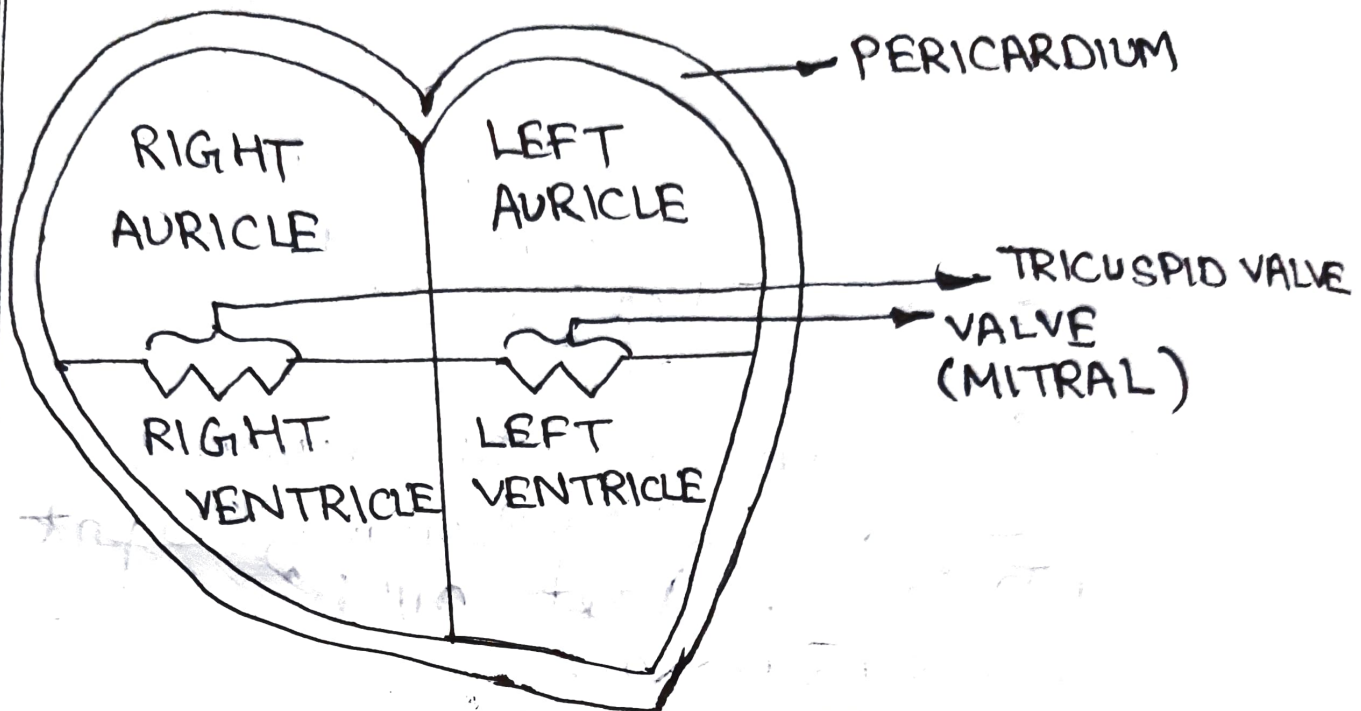


1) What is the importance of circulatory system?

Ans - Importance of circulatory system :-

- * Proper functioning circulatory system is very important. The fluids help to deliver oxygen and essential nutrients to cell.
- * It is also essential as it plays a vital role in removal of waste products and carbon dioxide from our body.
- * It is responsible for maintenance of optimum pH, and the mobility of the elements, proteins and cells of the immune system.

HUMAN HEART



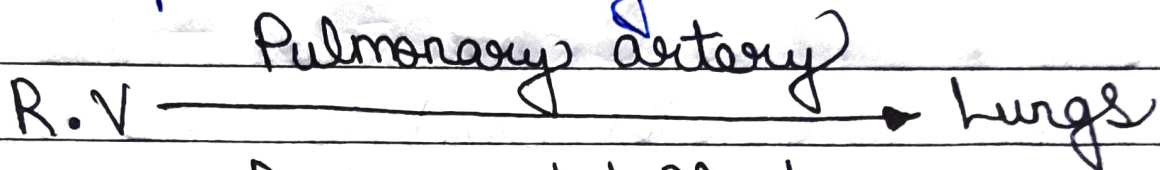
STRUCTURE OF HUMAN HEART

C.W
9/9/2021

Blood Vessels

* ARTERIES

- Oxygenated Blood.
- Narrow lumen for effective flow of blood.
- Thick-walled.
- Deep seated inside the body.
- Dark-red colour blood.
- Largest artery → AORTA
- Exceptional artery → :-



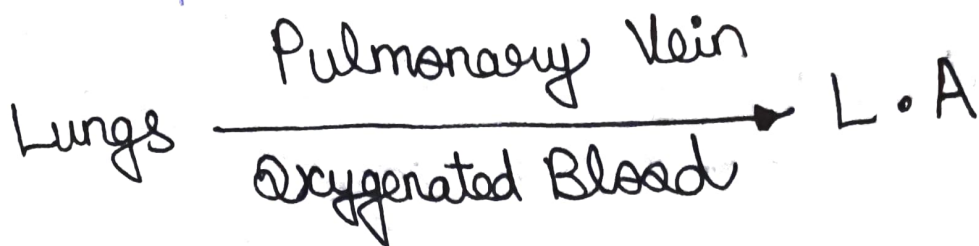
Desoxygenated Blood

- Carries Blood from Heart to body parts.

* VEINS

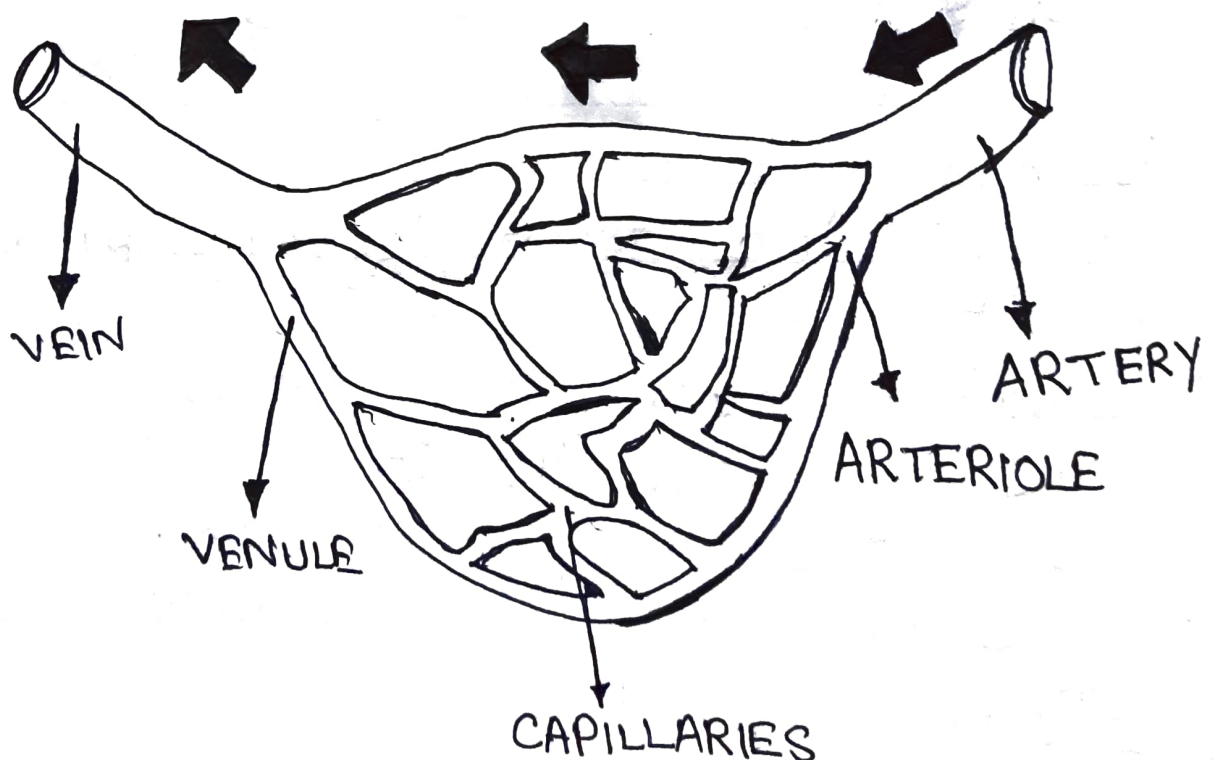
- Desoxygenated Blood.
- Carries Blood from different parts to Heart.
- Broad lumen.
- Veins are supplied with valves to prevent back flow of blood.
- Veins are present just below the skin.
- Thin-walled.

→ Exception Vein → :-



* CAPILLARIES

- Single celled wall
- Thin wall
- Carries both oxygenated and deoxygenated blood.
- Supply oxygenated blood to cells and taken deoxygenated from the cell.



C.W
14/9/2021

Date _____
Page _____

BLOOD

