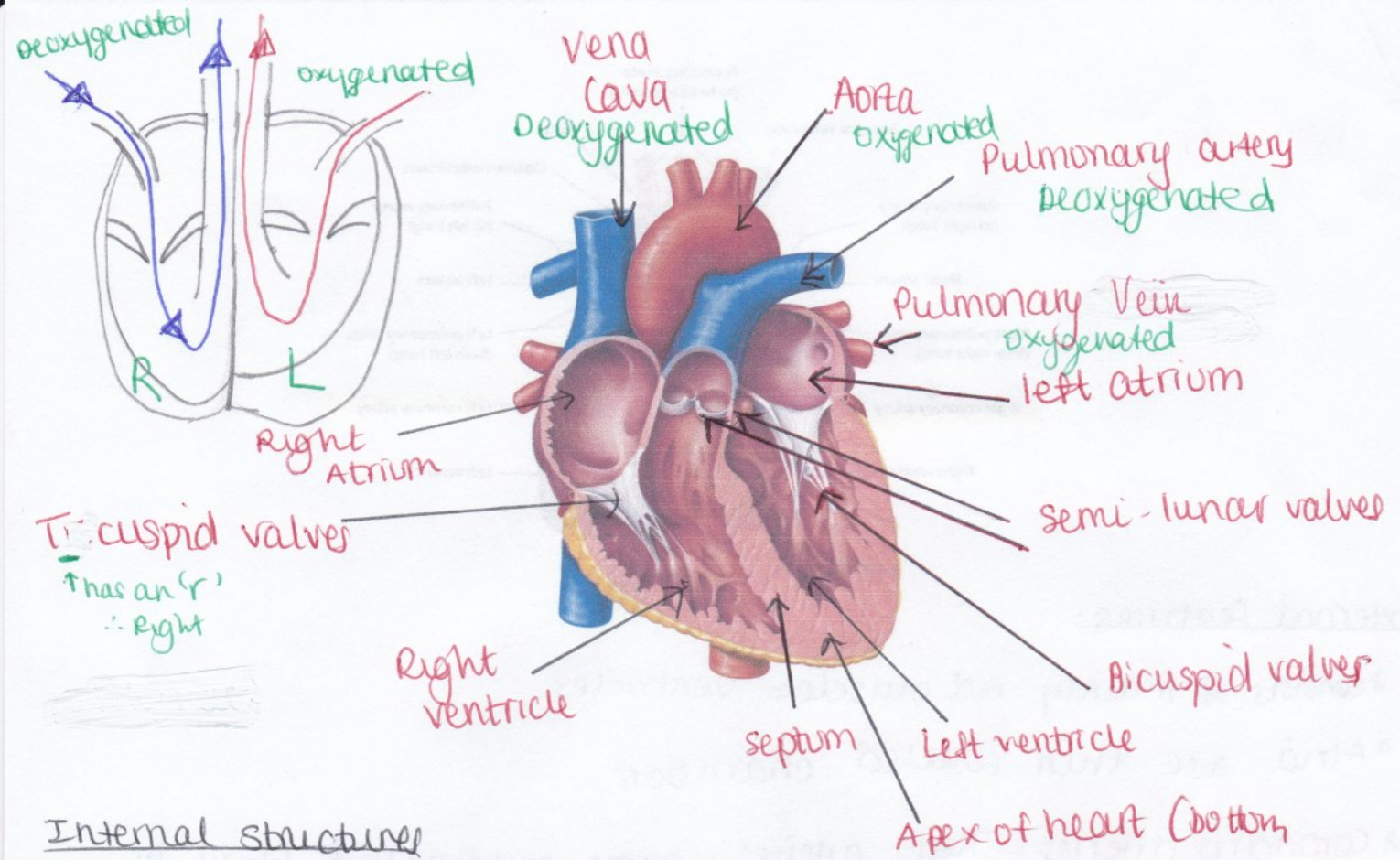




Internal structure

* Bicuspid / tricuspid valves:

- Thin flaps in a cup shape
- when the ventricles contract, the valve flaps fill with blood & close
- Thus there is no backflow of blood into atria

* Tendinous cords:

- attach to valves and prevent them from turning inside out, thus also preventing backflow of blood.

* Septum:

- separates oxygenated and deoxygenated blood on left & right respectively, to stop them mixing
- Also ensures that only oxygenated blood gets to the body.
- Otherwise blood pressure would fall if both were mixed

* Semi-lunar valves

- These prevent the backflow of blood into the heart during diastole.

Left ventricle wall:

Preview from Notesale.co.uk
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