

# Home Assignment

Date / /

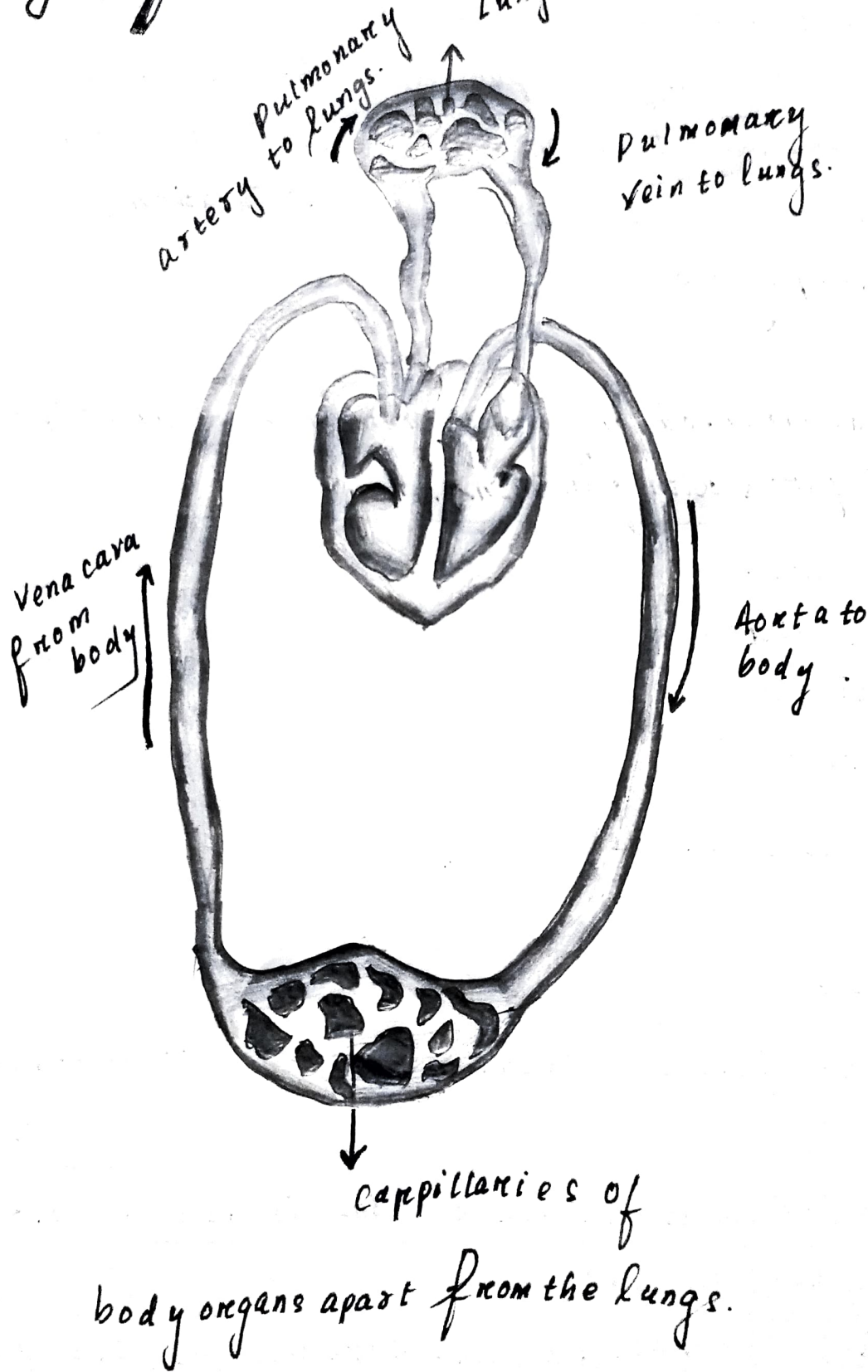
Page No. 05.

Q1. Define double circulation. Describe with a neat schematic diagram.

Ans → The oxygenated blood from the lungs returns to the hearts, which is pumped again into different parts of the body by the heart. Thus, a blood passes twice through the heart making one complete round through the body. This is called double circulation.

(Diagram Next page) →

# Diagram of Double Circulation



Q2. Draw a neat labelled diagram of human heart and explain the different parts with functions.

- ANS →
1. upper atrium.
  2. lower ventricle.
  3. Right atrium.
  4. left atrium.
  5. right & left ventricle.

functions →

- a) The primary function of heart is to pump blood throughout the body.
- b) It supplies oxygen and nutrients to the tissues & removes  $\text{CO}_2$  and wastes from the blood.
- c) It also helps to maintain adequate blood pressure throughout the body.
- d) The right atrium receives blood from veins and pumps it to right ventricle.

Q2. e) The right ventricle pumps the blood received from the right atrium to the lungs.

f) The left atrium receives <sup>bloods from</sup> oxygenated <sup>the</sup> lungs and pumps it to a left ventricle.

g) The left ventricle pumps the oxygenated blood throughout the body.

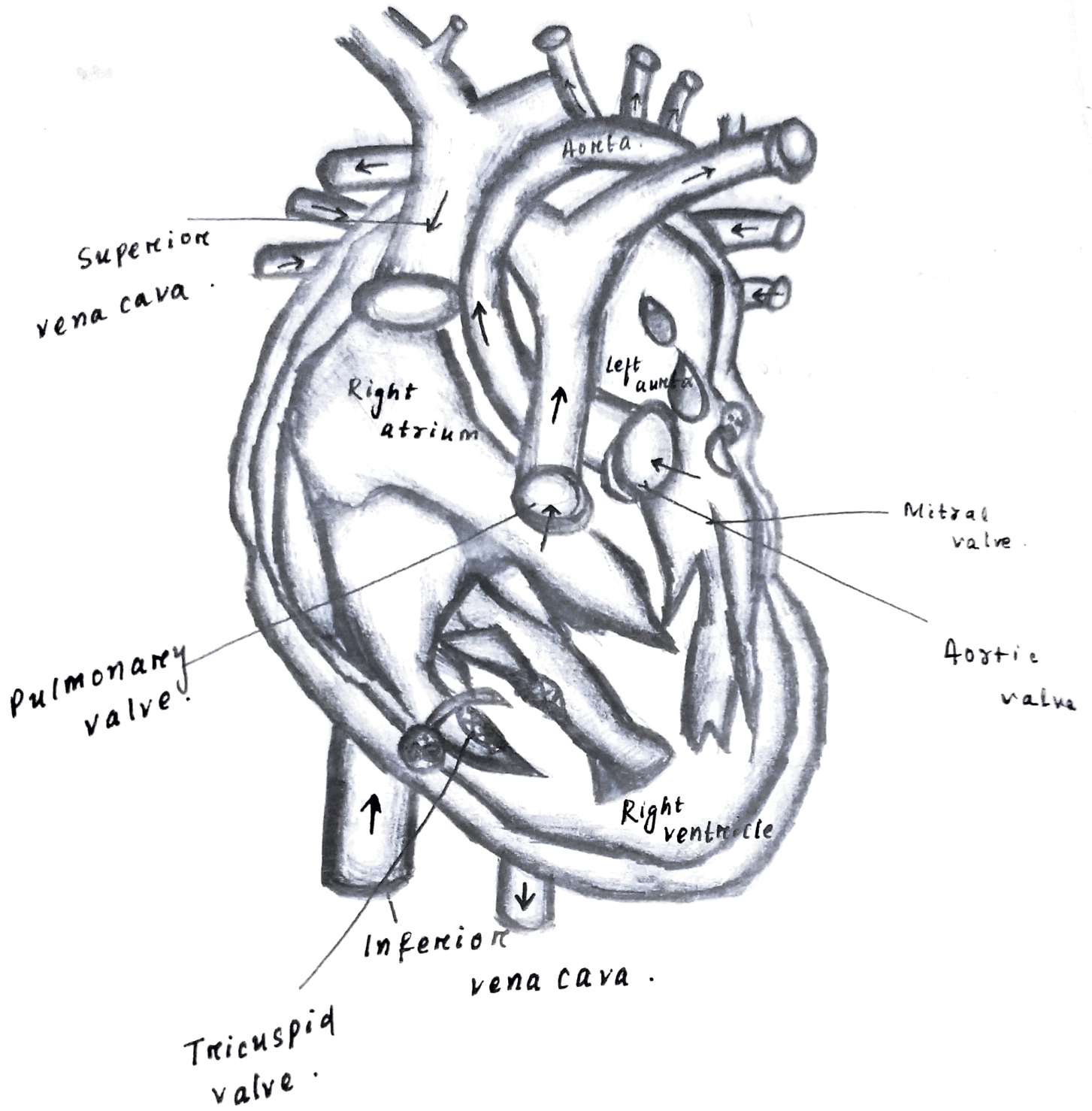


Diagram of Human Heart.