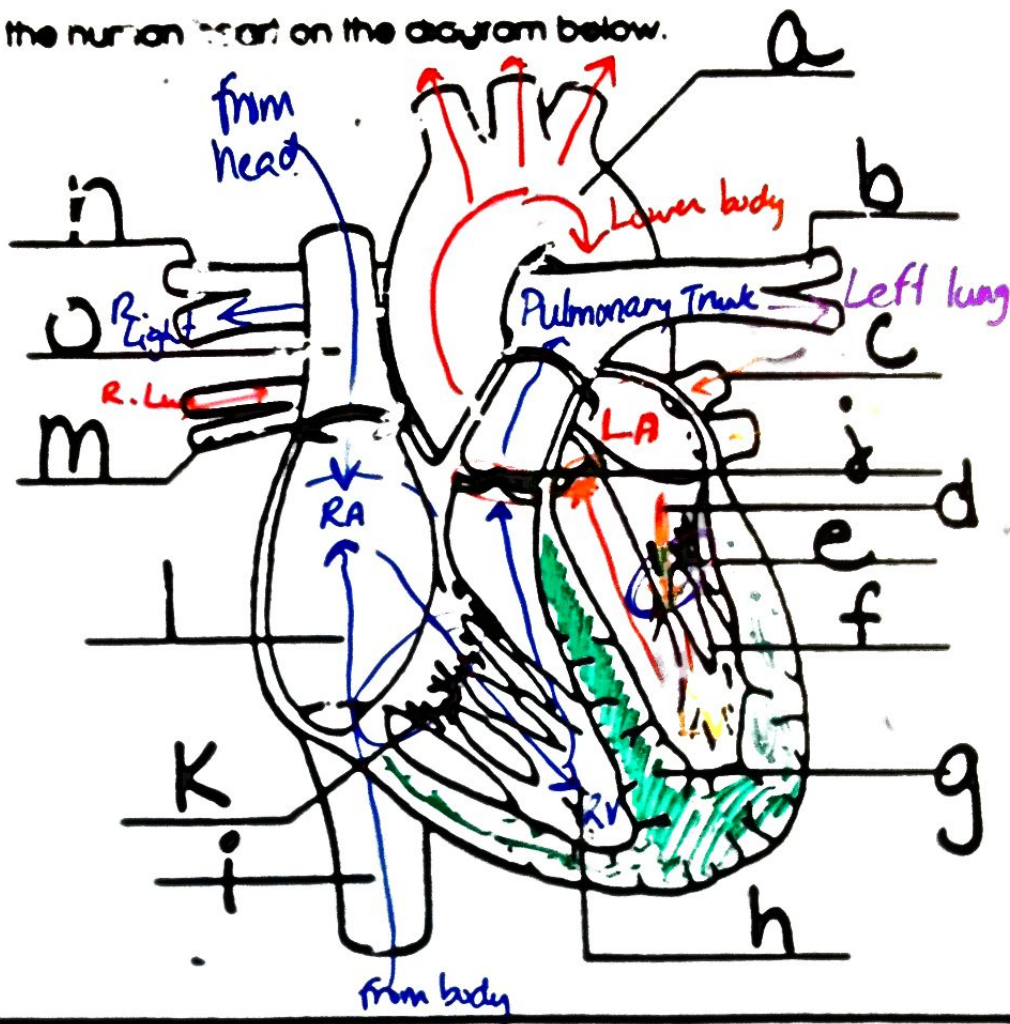


STRUCTURE OF THE HEART

Name _____

Label the following parts of the human heart on the diagram below.

- aorta
- left pulmonary artery
- left pulmonary vein
- left atrium
- bicuspid valve (mitral valve)
- left ventricle
- septum
- right ventricle
- inferior vena cava
- semilunar valves
- tricuspid valve
- right atrium
- right pulmonary vein
- right pulmonary artery
- superior vena cava



Heartbeat

Fill in the blanks with the correct answers. Then, label the nodes in the diagram to the right.

The heart beats regularly because it has its own pacemaker. The pacemaker is a small region of muscle called the sinoatrial, or SA, node. It is in the upper back wall of the right atrium.

The SA node triggers an impulse that causes both atria to contract.

Very quickly, the impulse reaches the atrioventricular, or AV, node at the bottom of the atria.

The impulse then travels to the right AV node, which causes the ventricles to contract.

