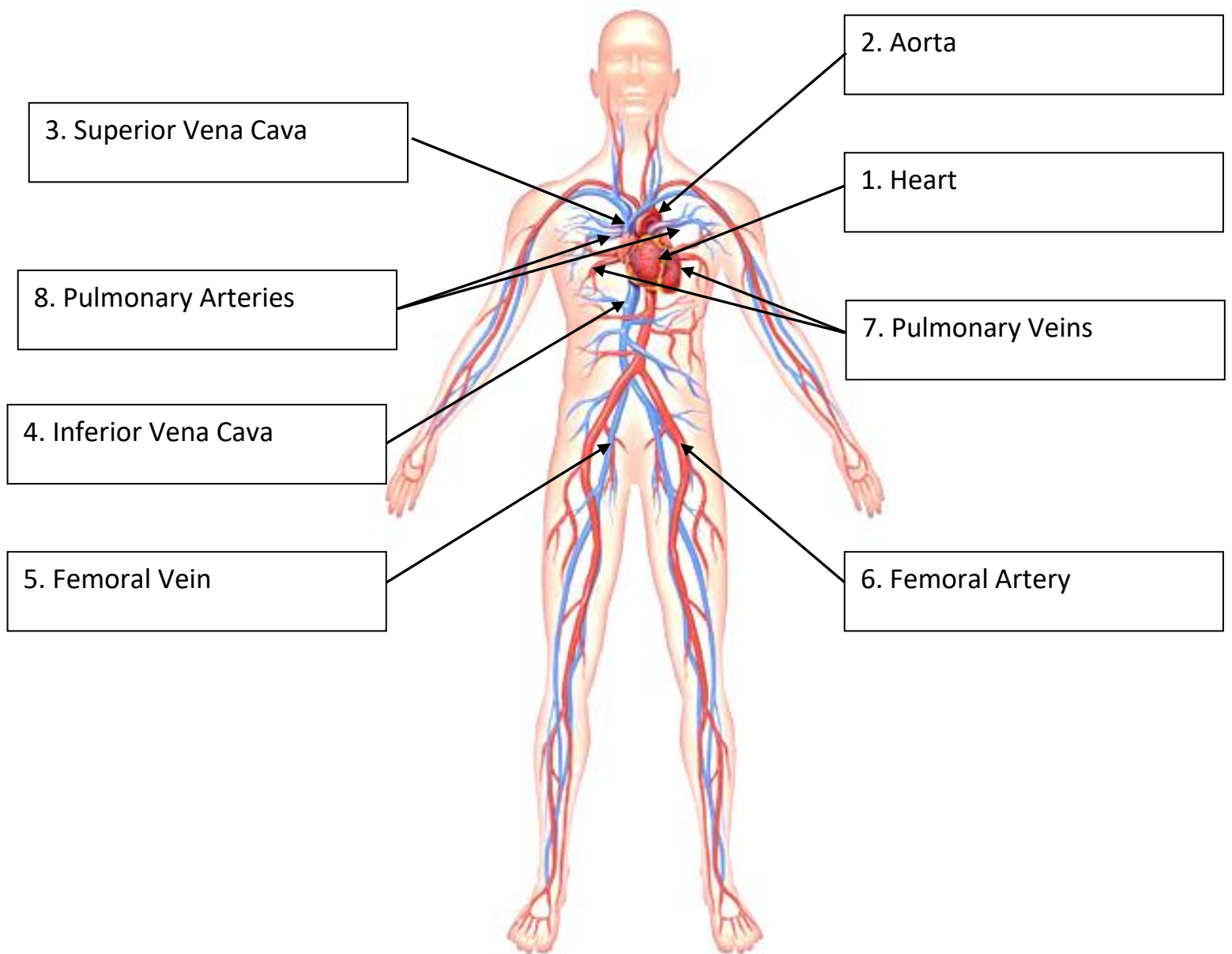


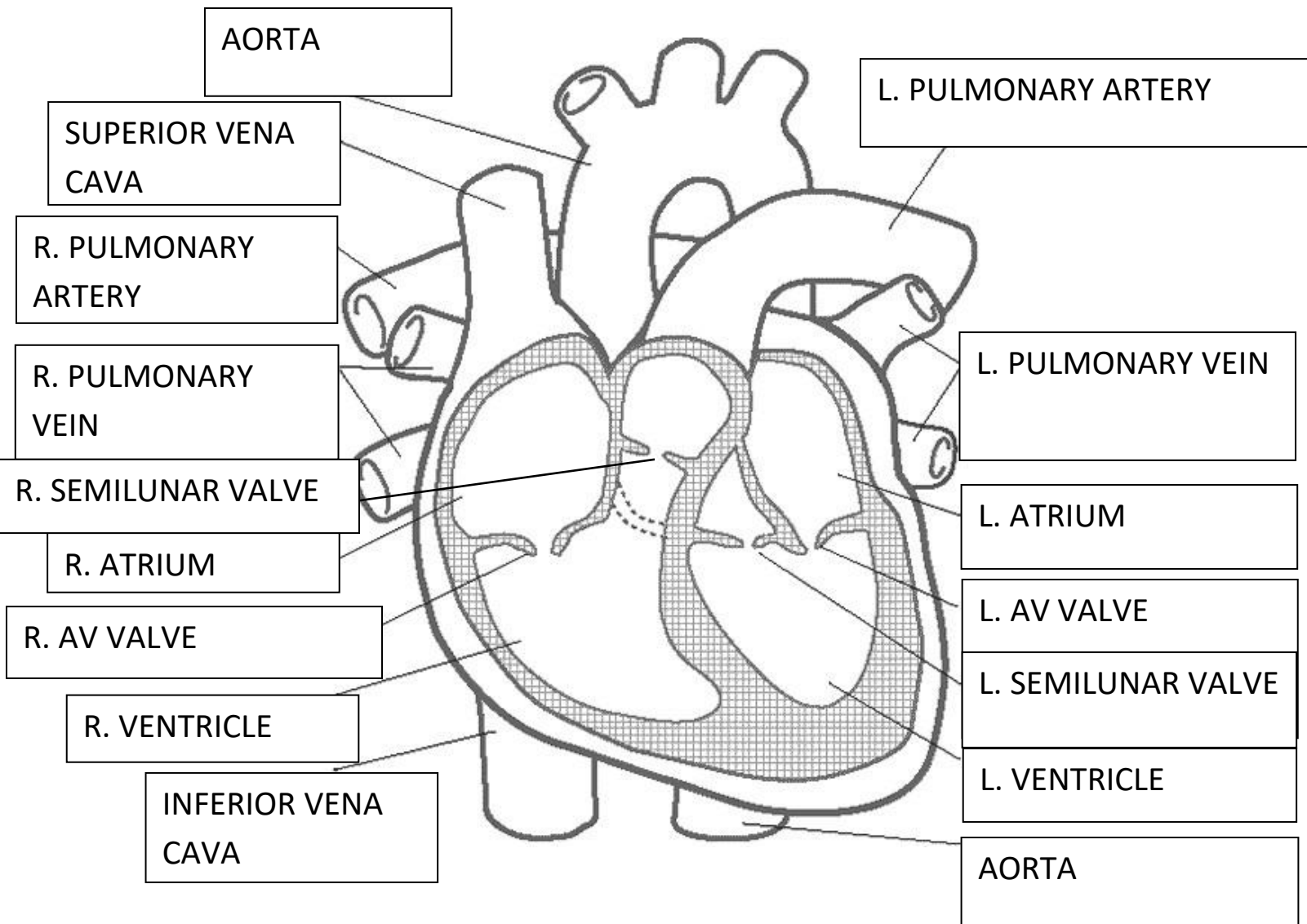
The Circulatory / Cardiovascular System



Functions of the parts of the Circulatory System

#	Part	Function
1	Heart	Acts as pump to move blood throughout the circulatory system.
2	Aorta	Largest artery. Carries oxygenated blood to all parts of the body
3.	Superior Vena Cava	Collects and carries deoxygenated blood from the upper part of the body to the heart
4.	Inferior Vena Cava	Collects and carries deoxygenated blood from the lower part of the body to the heart
5.	Femoral Vein	Collects and carries deoxygenated blood from the lower part of the body to the inferior vena cava.
6.	Femoral Artery	Carries oxygenated blood to both legs.
7.	Pulmonary Vein	Carries oxygenated blood from the lungs to the heart.
8.	Pulmonary Artery	Carries deoxygenated blood from the heart to the lungs

The Human Heart



Functions of the parts of the Heart

#	Part	Function
1	R. Atrium	Collects deoxygenated blood from all parts of the body
2	R. Ventricle	Pumps deoxygenated blood to the pulmonary artery
3	R. AV valve	Opens to allow deoxygenated blood to flow from R. atrium to R. ventricle. Does not allow backflow.
4	Pulmonary Artery	Carries deoxygenated blood from the heart to the lungs
5	Pulmonary Vein	Carries oxygenated blood from the lungs to the heart.
6	L. Atrium	Collects oxygenated blood from the lungs
7	L. Ventricle	Pumps oxygenated blood to the aorta
8	L. AV valve	Opens to allow oxygenated blood to flow from L. atrium to L. ventricle. Does not allow backflow.
9.	Aorta	Largest artery. Carries oxygenated blood to all parts of the body
10	Superior and Inferior Vena Cava	Collects and carries deoxygenated blood from all parts of the body to the heart