

Section 1

Parts of the heart (know the diagram "by heart" ← See...these heart expressions are all over the place!)

- atria -ventricles -pulmonary vein & artery -aorta -vena cava (superior & inferior) - septum -pulmonary valve - aortic valve

Which chambers receive blood into the heart?

Which chambers pump blood out of the heart?

Which parts of the heart deal with CO₂ rich blood?

Which parts of the heart deal with O₂ rich blood?

Describe the path blood follows as it enters heart, goes to lungs, re-enters heart and leaves heart for body.

Circulation-be able to describe the purpose of each type

Pulmonary Circulation-

Systemic Circulation-

Coronary Circulation-

Blood Vessels-know features and properties (shape, amount of muscle, valves?, carry CO₂ or O₂ rich blood?, thin or thick wall)

Arteries-

Veins-

capillaries-

Blood Pressure-

Pulse-

Hypertension-

Atherosclerosis-

Heart Murmur-

Section 2

Blood

- 4 functions
- 1.
 - 2.
 - 3.
 - 4.

4 parts and job of each one

- 1.
- 2.
- 3.
- 4.

What is hemoglobin and where is it found?

Where are RBCs made?

4 blood types

Explain what antigens and antibodies are and their roles in rejection or acceptance of blood transfusions of different blood types.

Rh factor-

Sickle-cell anemia-

Anemia-

Leukemia-

Section 3

Lymphatic System

2 functions

- 1.
- 2..

Tissue fluid-

Lymph -

Lymph nodes-

Lymphocytes-

Spleen-

Tonsils-

How does Lymph move up in the vessels if there is no pump like the heart pushing the fluid?