# Chapter 22A: Circulatory System (20 points)

22.1-1: What the three components of blood, and their percent composition?

22.1-2: What are the six components of blood plasma?

22:1-3: Describe the shape, structure, size, and function of

* erythrocytes
* lymphocytes
* platelets

22:1-4: How does blood clot?

22.2

What produces the “lubb-dubb” sound of the heart?

What is the cardiac cycle?

What do the sinoatrial and atrioventricular nodes do?

What is an ECG?

What is a heart attack, and what is it caused by?

Look at the factors which affect heart rate, and explain why dehydration would cause low heart rate.

22.3-1: Compare and contrast veins and arteries.

22.3-3: Describe what happens to the blood in the three parts of systemic circulation:

* Coronary circulation:
* Renal circulation:
* Portal circulation:

22.3-4: Compare blood pressure and pulse.

22.3: Briefly describe the following:

* Anemia:
* Aneurysm:
* Fibrillation:
* Leukemia:
* Stroke:

# Vocabulary 22 (12 points)

Blood plasma

Platelets

Leukocyte

Erythrocytes

The Rh System

Parts of the heart: Atrium, Ventricle, Aorta

Blood Vessels, Artery v. Vein

Vena Cava

Pulmonary veins/arteries

Capillaries

Blood pressure

Pulse