Mr.	Ulri	ch
Biology		10R

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## Circulatory System

Directions: Please answer the following in the space provided. Be sure to answer ALL of the parts of the question to get all of the points.

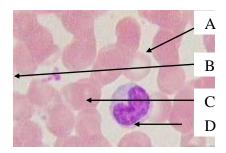
1. What life process is carried out by the blood? Identify two compounds or types of compounds carried by blood.

- 2. How are arteries and veins different? Your answer should include
  - Direction of blood flow relative to the heart.
  - Which has a pulse
  - A structural difference

3. Describe the structure of capillaries. [2 pts] Why are capillaries so important?

4. What is the important transport protein in red blood cells and what does it transport?

5. The diagram below is a picture of human blood



Using your knowledge of biology fill in the table below

Structure	Name of structure	Basic function of structure
A		
В		
С		
D		

6. By now we should know there is the connection between cellular respiration and breathing. What is the circulatory systems role in the connection?[5]