

## Chapter 8 Blood Typing Reading Assignment

Name:

Hour:

Read pages **194-202**. Complete the following activities/questions as you read. Type in your answers in the blank spaces provided. Please extend on to the second page instead of decreasing the font. **15 points**

1. Blood is made up of plasma, platelets, red blood cells, and white blood cells. Research and record the percentage of blood that each component comprises. (2 points)
  - a. Plasma \_\_\_\_\_%
  - b. Platelets \_\_\_\_\_%
  - c. RBCs \_\_\_\_\_%
  - d. WBCs \_\_\_\_\_%
2. What is the function of each of the following? (3 points)
  - a. Platelets
  - b. Red Blood Cells
  - c. White Blood Cells
3. Which types of cells are used for blood typing? (1 point) \_\_\_\_\_
4. Which types of cells are used for DNA profiling? (1 point) \_\_\_\_\_
5. What are antigens and how are they different from antibodies? (2 points)
6. Complete the table below. (4 points)

Blood Type	A	B	AB	O
Antigen Present on Red Blood Cells				
Antibodies in Plasma				

7. Read through the examples on page 202 on Probability and Blood Types, and then find the probability of someone having type B+, NN blood. Show your work. (2 points)