Unit 8 Review
Chapters 14-16
Cardiovascular System Review
1. What are the formed elements of blood and their functions?

2. What protein is needed for oxygen to bind to blood?

3. What are the five types of leukocytes? (which exist in the highest and lowest numbers)

4. What is a thrombus? –embolus?
5. What is the difference between anemia and hemophilia?

6. What are the protein markers found on erythrocytes used in blood grouping?

7. What is agglutination?
8. What are the blood group names and which types of blood can each receive from and give to?

9. What hormones function in regulating erythrocyte production? What type homeostatic mechanism controls erythrocytes?

10. Where is the heart located, (be specific)?

11. What are the wall coverings of the heart?
12. What are the four chambers of the heart? Where are they located in reference to one another?
13. Where are the bicuspid (mitral) & tricuspid valves located?
14. What are the three arteries that branch from the aorta?
15. What is the name of the instrument used to take blood pressure?
16. What are the two numbers in blood pressure and what do they represent? What are the average ranges?

17. What is hypertension and what may cause it?

18. What are the factors that regulate heart rate?

19. Which vessels may be used to determine pulse (highlighted examples only)
You should know/know how to...

1. The difference between Systemic and Pulmonary Circulation.
2. How to label a heart (figure or sheep heart)
   - Anterior view
   - Interior view
3. How to trace the circulation of blood
Don’t Forget…

- Review all Juicy Jargon
- Review the all highlighted structures on figures from the notes
- Correct and study your weekly quizzes.