Review Sheet – Exam 3

**Directions:** Prepare a word-processed document containing answers to the following questions. You must turn this in before you take the Exam 3 (tentatively April 22 or 27), depending on course material. Late submissions will not be accepted for any reason. You can always turn it in early!

**Blood and Cardiovascular System – choose any FIVE.**

1. How are damaged or dead erythrocytes removed from blood, what happens to the hemoglobin they contained?

2. List and describe the three functions of blood.

3. Describe the negative feedback control of erythrocyte production.

4. Why can’t a person with Type A blood receive blood from a Type B donor?

5. List the 3 stages of hemostasis. What are the principal clotting factors involved and their function in hemostasis?

6. Why is CO poisoning so deadly?

7. What features of an erythrocyte make it efficient from transporting gases?

8. List three types of anemia; describe how each differs but still results in the same effect on the body?

**Respiration – You must answer both questions.**

1. List and describe the 4 processes encompassing respiration.

2. Describe the three stages of the respiratory cycle.

**Skeletal – choose any THREE.**

1. What hormones regulate bone cells? What are their functions?

2. Distinguish between bursitis and tendonitis; and between arthritis and osteoarthritis.

3. List three types of skeletal connective tissue. List 5 functions of bone.

4. Describe the features of synovial joints that reduce friction and prevent joint from wearing out prematurely.