**Ch. 9, 10, 8 Review Topics:**

Use the following to guide your studying for this unit test on Thursday, May 29th!

Ch. 9: Endocrine system

* Endocrine glands -where found, how they function, what they release
* Steroid vs water-soluble hormones-how similar, how differ
* Regulation of hormones-positive & negative feedback (also introduced in 8.1 in general terms)
* Anterior vs. Posterior pituitary-how similar, different, hormones involved
* Hormones: hGH,T4, TSH, calcitonin, PTH, epinephrine (short-term stress response), long-term stress response (cortisol, ACTH, aldosterone), insulin, glucagon,
* Reproductive Hormones: (9.4)-be able to discuss the hormones involved here in terms of feedback inhibition. i.e. fig. 9.25 , Fig.9.28

Ch. 10: Excretory System

* Parts of the nephron & associated blood components: Where & what is filtered, absorbed & secreted, what is found in each part
* ADH-role is reabsorption of water
* Aldosterone-role in reabsorption of salts
* Calcitriol, erythropoietin

Ch. 8: Nervous System

* General idea of what homeostasis is
* Divisions of nervous system-including 8.4
* Structure of neuron
* Resting membrane potential vs. depolarization vs. repolarization vs. refractory period-what is happening at each part, graph of it
* What happens at the synapse?
* CNS-focus on the questions you were asked to put into your notes from 8.3, including questions about the brain-this will be a matching question (p365-three parts + divisions of each/functions, p367-Cerebral Cortex, Corpus Callosum, p368-4 divisions/functions of the cerebral cortex)