Lecture 11: Active Learning Questions

1. What is an *exogenous* hormone? What is the major difference between amino acid/polypeptide/*protein-type* and *steroid-derived hormones*? What *hormone class* is a hybrid and has characteristics of *both protein* and *steroid hormones*?

2. How are the *hypothalamus* and the *posterior pituitary* connected anatomically? …*hypothalamus* and the *anterior pituitary* connected? List *6 hormones* the *anterior pituitary* makes together with their *target organs*.

3. What tissues does *growth hormone* target? Why might an (endogenous or exogenous) *excess* of *growth hormone* be problematic?

4. What *two hormones* does the *thyroid* produce? How do these hormones *differ*? What are their *specific actions*?

5. What is *epinephrine* (adrenalin/adrenaline)? *Where* is it made? What promotes the *release of epinephrine*? What is *cortisol*? *Where* is it made? What promotes the *release of cortisol*?