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*?