Lecture 10: Active Learning Questions

1. What is blood glucose? What is the rested and fasted blood glucose range considered clinically normal (be sure to indicate units, also)? What is the cutoff or threshold for being classified as diabetic?

2. What is insulin and where is it made? What is its general function? What happens to insulin in a Type I diabetic?

3. Give 4 warning signs of diabetes. What happens if diabetes is not treated?

4. How are the hormones insulin & glucagon related? What does glucagon do? If you are between meals and getting really hungry, which of these hormones is released? What is the effect when the hormone is released?

5. How are the hypothalamus and the anterior pituitary connected anatomically? What triggers the release of anterior pituitary hormones? How are the hypothalamus and the posterior pituitary connected anatomically? List 2 hormones the hypothalamus produces, but are stored in the posterior pituitary. What are the specific actions of these two hormones?