Endocrine System Review Answers:

1. Negative Feedback-once we have enough of the hormone, body signals to stop producing
   1. Prolactin-milk production in females
   2. Growth Hormone-elongating skeletal bones (growth)
   3. Lutenizing Hormone-stimulates ovulation in females & testosterone in males
   4. Follicle-Stimulating Hormone-stimulates egg development in females
   5. ACTH-stimulate the adrenal glands
   6. ADH-stimulate reabsorption in the kidneys (released when dehydrated)
   7. Oxytocin-stimulates uterine wall contractions during labor
2. Lutenizing hormone & follicle-stimulating hormone
3. Calcium is regulated by parathyroid hormone & calcitonin (parathyroid & thyroid)
4. Thyroid gland
5. Adrenal Glands
6. Gonads (males-testosterone females-estrogen)
7. Insulin lowers blood sugar
8. Melatonin controls circadian rhythm
9. Oxytocin
10. Glucagon is released when blood sugar is low
11. Thymosin produces white blood cells
12. Males-testosterone Females-estrogen
13. Without insulin, blood sugar would continue to rise (lead to diabetes)
14. When calcium levels are low, parathyroid hormone is released
15. “Master gland” is the pituitary gland
16. Glucocorticoids, mineral corticoids and sex hormones
17. T3 & T4, triiodothyronine & thyroxine
18. Hormones are chemical substances that travel through blood stream to act on a target cell
19. Parathyroid is located on sides of thyroid gland
20. ADH is released when you are dehydrated
21. Steroid hormones are fat-soluble and go directly into the target cell