

Review Sheet Chapter 17 Endocrine

1. What are the endocrine glands and what is the function of each?
2. What is the difference between an endocrine and an exocrine gland?
3. What is a target cell and why is this important for hormone function?
4. What are the three triggers for hormone secretion? Explain how each stimulus works?
5. What is a positive feedback loop? Name one hormone that exhibits this type of feedback.
6. What is a negative feedback loop? What is a positive feedback loop?

13. What is the hypophyseal portal system? How do hormones intended to affect the adenohypophysis reach it?

14. What is ADH/vasopressin? How does it work?

15. Explain the positive feedback loop involved in the physical response to oxytocin.

16. What is a tropic hormone?

17. Where is the thyroid gland located? What is the shape of a healthy thyroid?

18. What are the hormones secreted by the thyroid gland? Which of these is involved in calcium metabolism? Which of these is involved in metabolism more generally?

19. Is the thyroid gland under positive or negative feedback control? Explain the role of the hypothalamus, the pituitary, and the thyroid in this feedback cycle.