**STUDY QUESTIONS ENDOCRINE BLOOD**

**VOCABULARY**

Adenohypophysis Pars Nervosa Oxyphil cells

Pars distalis Infundibulum Zona glomerulosa

Pars tuberalis Herring bodies Zona fasciculata

Pars intermedia Pituicytes Zona reticularis

Hypothalamus Colloid Chromaffin cells

Chromophobe Parafollicular cells Pineal gland

Acidophil/Basophil Chief cells Sand granules

**OBJECTIVES AND QUESTIONS**

1. Describe the structure of the pituitary gland and how it relates to the hypothalamus.
2. What substances are produced in the adenohypophysis and neurohypophysis and how are they produced, stored and activated? Describe the functions and locations of action of these hormones.
3. How is thyroid hormone produced and stored?
4. Describe the layers of the adrenal gland, and the substances secreted from each layer.
5. Explain the difference in control of the adrenal cortex and adrenal medulla.
6. What stimulates the parathyroid gland to release PTH?
7. Describe the function and relation of the endocrine pancreas to the exocrine pancreas.
8. List characteristic structures of cells that produce steroids.