# Chapter 24: Hormones and the Human Mind (20 points)

## 24A: Endocrine System

24.1

1. List six characteristics of hormones.

2. How do the nervous and circulatory aid the endocrine system?

4. Describe the three methods of hormone secretion, with an example of each.

* Brain🡪glands
* Other 🡪 glands
* Negative feedback

24.2

1. Name the three groups of hormones the pituitary gland secretes, as well as three other important hormones with what they control.

3. Give symptoms of hypersecretion of pituitary growth hormone, and hyposecretion.

4. Give symptoms of hypersecretion of thyroid hormone, and hyposecretion.

6. Give a symptom of hypersecretion of insulin, and hyposecretion.

8. What hormones do the adrenal glands produce, and what do they control?

9. List several things the gonadal hormones control.

## 24B: Drugs

24.3-24.4

1. List six different types/functions of medical drugs (i.e. pain relievers).

3. List the five groups of psychoactive drugs, with three examples in each group.

5. What is the difference between physical and psychological addiction?

12. What two characteristics of narcotics contribute to their addictive qualities?

## Vocabulary 24 (14 points)

Hormones

Target cell

Negative feedback system

Pituitary gland: Growth hormone

Thyroid gland: thyroxine

Pancreas: Insulin v. glucagon

Adrenal glands: Epinephrine v. norepinephrine

Reproductive glands: Testosterone v. Estrogen

Steroid (not in text!)

Medicinal drug v. Psychoactive drug

Narcotic

Stimulant v. depressant

Hallucinogenic

Inhalant