**Psychology Chapter 3 Study Guide**

Section 1

Central nervous system

Peripheral nervous system

Neurons

Cell body

Axon

Myelin

Axon terminals

Synapse

Neurotransmitters

Spinal cord

Somatic nervous system

Autonomic nervous system

Section 2

Parts of the Brain: Hindbrain, Midbrain, and Forebrain

Medulla

Pons

Reticular activating system

Thalamus

Hypothalamus

Limbic system

Cerebrum

Corpus callosum

Association areas

Case Study: Phineas Gage

Electroencephalogram

Types of Scans (CAT), (MRI), and (PET)

Section 3

Endocrine System

Pituitary Gland

Thyroid Gland

Adrenal Gland

Testes and the Ovaries

Testosterone

Estrogen and Progesterone

Section 4:

Heredity

Genes

Chromosomes

The Nature -Nurture Debate

Kinship Studies

Twin Studies

Adoptee Studies

Twins Reared Apart