I. Biological Perspective

 A. Biological Approach p.21

 B. Understanding Behavior

 1. Body & Behavior-Link

 C. Galen’s Theory p.23

 D. Psychobiologists

 E. Controlling Behavior

II. Nervous Systems

 A. Central N.S.

 B. Peripheral N.S.

 C. Spinal Reflexes

III. Neurons

 A. Dendrites

 B. Axons

 C. Myelin Sheath

 D. Axon Terminals

 E. Synapse

 F. Neuron

 G. Nerves

IV. Types of Neurons

 A. Sensory/Afferent Neurons

 B. Inter neurons

 C. Motor/ Efferent

V. Biochemistry of Personality

 A. Action Potential

 B. Neurotransmitters

 C. Firing

 D. All-or-None

 E. Neuro Receptors

 F. Lock & Key System

 G. Runners’ High, Drugs, etc.

VI. Voluntary V. Involuntary Activities

 A. Somatic N.S.

 B. Autonomic N.S.

 1. Sympathetic N.S.

 2. Parasympathetic N.S.

VII. Hindbrain

 A. Function

 B. Cerebellum

 C. Medulla

 D. Pons

VIII. Midbrain

 A. Function

 B. RAS

IX. Forebrain

 A. Function

 B. Thalamus

 C. Hypothalamus

 D. Cerebral Cortex

 E. Cerebrum

 F. Limbic System

 G. Hippocampus

X. Brain Lobes

 A. Frontal

 B. Parietal

 C. Temporal

 D. Occipital

XI. Brain Hemisphere

 A. Left

 1. Broca’s

 2. Wernicke’s

 B. Right

 C. Corpus Callosum

 D. Split-Brain Patients

XII. Studying the Brain

 A. EEG

 B. Stimulation

 C. Lesions

 D. Phineas Gage

 E. CAT, PET, & MRI

XIII. Endocrine System

 A. Definition

 B. Hormones

 C. Pituitary Gland

 D. Thyroid Gland

 E. Adrenal Gland

 F. Sex Glands

 G. Hormones v. Neurotransmitters

XIV. Nature V. Nurture

 A. Nature- Heredity

 B. Nurture- Environmental

 C. Twin Studies

XV. Evolutionary Psychology

 A. Approach

 B. Personality Development