

AP Psychology Unit 2: Biological Bases of Behavior Notes

Knowing the definitions of the following key terms will help set you up for AP Psychology Exam success. Print out this worksheet and write down the definitions to the terms you know. Then, research and fill out the remaining terms.

- **Neuron:** _____

- **Glial Cells:** _____

- **Dendrites:** _____

- **Cell Body (also called the Soma):** _____

- **Axon:** _____

- **Myelin Sheath:** _____

- **Terminal Buttons (also called End Buttons, Axon Terminal, Terminal Branches of Axon, and Synaptic Knobs):** _____

- **Neurotransmitters:** _____

- **Synapse:** _____

- **Receptor Sites:** _____

- **Threshold:** _____

- **Action Potential:** _____

- **All-or-None Principle:** _____

- **Neural Firing:** _____

- **Excitatory Neurotransmitters:** _____

- **Inhibitory Neurotransmitters:** _____

- **Acetylcholine:** _____

- **Dopamine:** _____

- Endorphins: _____

- Serotonin: _____

- Afferent Neurons (or Sensory Neurons): _____

- Efferent Neurons (or Motor Neurons): _____

- Central Nervous System: _____

- Spinal Cord: _____

- Peripheral Nervous System: _____

- Somatic Nervous System: _____

- Autonomic Nervous System: _____

- Sympathetic Nervous System: _____

- Parasympathetic Nervous System: _____

- Accidents: _____

- Lesions: _____

- Electroencephalogram (EEG): _____

- Computerized Axial Tomography (CAT or CT Scan): _____

- Magnetic Resonance Imaging (MRI Scan): _____

- Positron Emission Tomography (PET Scan): _____

- Functional MRI (fMRI): _____

- Hindbrain: _____

- Medulla: _____

- Pons: _____

- Cerebellum: _____

- **Midbrain:** _____
- **Reticular Formation (Reticular Activating System):** _____
- **Forebrain:** _____
- **Thalamus:** _____
- **Hypothalamus:** _____
- **Amygdala:** _____
- **Hippocampus:** _____
- **Limbic System:** _____
- **Cerebral Cortex:** _____
- **Hemispheres:** _____
- **Left Hemisphere:** _____
- **Right Hemisphere:** _____
- **Brain Lateralization (or Hemispheric Specialization):** _____
- **Corpus Callosum:** _____
- **Lobs:** _____
- **Association Area:** _____
- **Frontal Lobes:** _____
- **Broca's Area:** _____
- **Wernicke's Area:** _____
- **Motor Cortex:** _____
- **Parietal Lobes:** _____

- **Sensory Cortex:** _____
- **Occipital Lobes:** _____
- **Temporal Lobes:** _____
- **Brain Plasticity:** _____
- **Endocrine System:** _____
- **Consciousness:** _____
- **Levels of Consciousness:** _____
- **Sleep**
- **Sleep Cycles**
- **Sleep Stages**
- **REM Sleep**
- **Sleep Disorders**
- **Insomnia**
- **Narcolepsy**
- **Sleep Apnea**
- **Dreams**
- **Freudian Dream Interpretation**
- **Activation-Synthesis Dream Theory**
- **Information-Processing Dream Theory**
- **Psychoactive Drugs**
- **Agonists**
- **Antagonists**
- **Tolerance**
- **Dependence and Withdrawal**
- **Stimulants**
- **Depressants**
- **Hallucinogens (also called Psychedelics)**
- **Opiates**