

## Biological Psychology Unit Test Review

Be familiar with the following terms/concepts listed below. The students who are most prepared will review any handouts, notes, and all reading assigned during this unit. The list below is NOT comprehensive – anything covered during the unit is fair game and may not necessarily be listed below.

- **The Neuron** (dendrites, cell body, axon, myelin sheath, axon terminal branches, order or a firing neuron, be able to label a neuron, neurotransmitters)
- **Neuropsychology** (neuron, threshold, action potential, all-or-none response)
- **The Nervous System** (central nervous system (brain and spine), peripheral nervous system, somatic nervous system, autonomic nervous system, sympathetic nervous system (fight or flight response), parasympathetic nervous system (rest period), sensory neurons, interneurons, motor neurons, reflexes)  
**Brain Hemispheres** (corpus callosum (malfunctioning one can cause epileptic seizures), visual field and body control go to opposite hemispheres, split brain, Left and Right Brain Dominance – Differences (3 L's))
- **Brainstem** (medulla, pons, thalamus, cerebellum)
- **Limbic System** (hypothalamus, pituitary gland, amygdala, hippocampus)
- **Cerebral Cortex** (frontal lobe, parietal lobe, occipital lobe, temporal lobe (hearing), motor cortex, sensory cortex)
- **Methods to Study the Brain** (accidents (Phineas Gage), lesions, EEG, CAT, MRI)
- **Endocrine System**
- **Label** (Neuron (Dendrites, Axon, Cell Body, Myelin Sheath, Terminal Branches) Parts of the Brain (Medulla, Cerebral Cortex, Pons, Thalamus, Corpus Callosum))

