**NAME: AP PSYCH – Unit 2: BioPsych**

**The Brain in Three Sections – Student Note Option**

(Central Nervous System = Brain & Brainstem)

**I – Hindbrain**

**II – Midbrain**

**III – Forebrain**



1. **Hindbrain** – lower portion of brain, responsible for vital functions, heart rate, respiration, and balance. The lower brain functions do not require any conscious thought or effort-we are not aware of these activities.
	1. Medulla –
	2. Pons –
	3. Cerebellum –
2. **Midbrain** – Involved in vision, hearing
	1. Reticular Activating System –
3. **Forebrain** - region of the developing vertebrate brain
	1. Thalamus –
	2. Hypothalamus –
	3. Limbic System –
	4. Cerebrum (Cerebral Cortex)
		1. Two Hemispheres, Four Lobes (FPOT)
			1. Frontal Lobe -
				1. Motor Cortex -
				2. Broca’s Area -
			2. Parietal Lobe -
				1. Somatosensory Cortex -
			3. Occipital Lobe -
			4. Temporal Lobe -
				1. Wernicke’s Area -
		2. Thalamus –
		3. Hypothalamus –
		4. Limbic System -