**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 -