**AP Psychology**

**FRQ #4**

*Directions: Answer the following question. It is not enough to answer a question by merely listing facts. You should present a cogent argument based on your critical analysis of the questions posed, using appropriate psychological terminology.*

Ashley planned to drive from New York to California to attend college. However, shortly after departing, she became uncertain about which roads to take and called her parents for assistance with directions. Because she was distracted, she drove off the side of the road and grazed the front bumper of her car on the guardrail. Fortunately, the car was not too badly damaged, so she continued on her journey. Although she ultimately made it to California, she had a lingering fear of guardrails for several months following her experience.

A. Explain how each of the following might have helped Ashley drive from New York to California (provide example). Definitions alone will not score.

* Frontal lobe
* Acetycholine
* Bottom up processing
* Kinesthetic Sense

B. Explain how each of the following might have led Ashley to have a negative experience on her trip from New York to California or when driving generally. Definitions alone will not score.

* Reticular Formation
* Circadian rhythms
* Inattentional blindness
* Amygdala