

1. Explain and comment Dale's Law. (20%)
2. Compare and contrast spatial and temporal summation. (20%)
3. Describe Cannon-Bard theory and provide a physiological experiment to defy the theory in the causality of emotion. (20%)
4. Define the following terms. (20%)
 - a) narcotic
 - b) analgesic
 - c) anesthetic
 - d) sedative
 - e) relaxant
5. Do you believe the necessity of long-term potentiation (LTP) in the consolidation phase of memory? Justify your belief by providing current-existing empirical evidence or designing experiments for hypothesis testing. (20%)