The ANS

1. What was James’ theory? Which emotions is he referring to?
2. Who was Lange? What was his position?
3. Know the parts of the nervous system. What are the major differences between the sympathetic and parasympathetic nervous system?
4. What were Cannon’s criticisms of the James-Lange theory and what effect did these criticisms have?
5. Damasio, Tranel, & Damasio (1991)
   a. What types of changes and deficits are generally associated with damage to the ventromedial frontal cortical area?
   b. What is their theory of somatic markers and how does it explain the behaviors they associate with ventromedial frontal areas?
   c. What does their experiment show about reactions to socially significant stimuli? How do we know the results with the ventromedial damaged patients is not due to some general deficit in their ability to perceive all stimuli?
   a. What did they do?
   b. What did they find?
   c. What was their theoretical position? How does this relate to James?
   d. Why would they use posed facial expressions? How does this relate to James?
7. Zajonc & McIntosch
   a. What are their conclusions about ANS differentiation?
8. How does knowing the purpose of the ANS help us to make sense of the research on ANS differentiation?