AP Psychology research study assignment guide

Directions: For “One brain or Two,” answer the following questions, ON A SEPARATE SHEET OF LINED PAPER (or typed, if you prefer)

Name

Date

Title of the Reading/Study

1. List the different functions which are performed by each side of the brain. (Left side performs? Right side performs?)

2. Who pioneered research into the idea of splitting the brain into two hemispheres and describe his research with animals?

3. What is the function of the corpus callosum and what happens when it is cut?

4. Why did participants in Sperry and Gazzaniga’s studies have their corpus callosum cut prior to entering the study (since it would be unethical to cut it for the purpose of the research)?

5. Describe the three types of tests used to test the cognitive capabilities of the patients (1. visual, 2. tactile, and 3. auditory).

6. What were the major results findings in relation to visual abilities in the study?

7. What were the major results findings in relation to tactile abilities in the study?

8. Describe some of the subsequent research that has been done after this study.

9. Describe the problem of the myth created by Sperry and Gazzaniga’s research.

10. What did you learn? Were you surprised by the result? Did this study challenge any of your previous beliefs? (Please explain, do not just write “yes”)