

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

**Ms. Randall Anatomy & Physiology  
Hemisphere Dominance Inventory**

**Choose one answer for each statement**

1. \_\_\_\_ If you had to give someone directions to your house, which of the following methods would you most likely use?

- a. Write a paragraph that explains where and when to turn
- b. Draw a road map

2. \_\_\_\_ Which of the following are you better at solving?

- a. Jigsaw puzzle
- b. Crossword puzzle

3. \_\_\_\_ Do you remember faces easily?

- a. Yes
- b. No

4. \_\_\_\_ Do you think you'd earn higher grades in a geometry class or in an algebra class?

- a. geometry
- b. algebra

5. \_\_\_\_ Imagine that you're vacationing at a resort. Which of the following would you most likely do?

- a. Obtain a brochure of local attractions and plan what you'd like to do for the day
- b. Drive around without a plan and decide what you'd like to do as you drive along

6. \_\_\_\_ Was it usually easy or difficult to learn grammar in school?

- a. difficult
- b. easy

7. \_\_\_\_ Imagine enrolling in a music course. You and a partner in the course must write a song. Which of the following would you prefer to do?

- a. Write the lyrics
- b. Compose the melody

8. \_\_\_\_ When you read a new chapter in a textbook, which of the following are you most likely to do?
- a. Skim through the entire chapter first to get a general idea of what the chapter is about
  - b. Read the chapter from beginning to end without doing much skimming
9. \_\_\_\_ In which of the following English classes would you most likely enroll?
- a. Journalism
  - b. Creative writing
10. \_\_\_\_ Imagine that you volunteered to work for the school newspaper. Which of the following would you rather do?
- a. Cut and paste and lay out the stories and decide which stories should appear where
  - b. Write one or two of the stories
11. \_\_\_\_ After reading a new chapter in a textbook, which of the following would you rather do?
- a. summarize the chapter
  - b. outline the chapter
12. \_\_\_\_ if you had an important project due in a class, would you prefer to work?
- a. in a group
  - b. alone
13. \_\_\_\_ Which of the following classroom situations do you prefer?
- a. A teacher announces assignments on a weekly basis and sets specific weekly due dates
  - b. A teacher announces all the assignments at the beginning of the course and allows you to complete them at any time before the end of the course
14. \_\_\_\_ Which of the following statements best applies to you?
- a. I'm good at guessing a person's mood by his or her body language
  - b. I'm not good at guessing a person's mood by his or her body language
15. Which of the following would you rather play?
- a. Scrabble
  - b. Checkers
16. With which of the following statements do you most agree?
- a. We should continue exploring outer space since one day this exploration may benefit us
  - b. We should continue exploring outer space only if we can be sure ahead of time of certain benefits we would receive

## Scoring

How many "a" answers did you have for odd-numbered questions? \_\_\_\_\_

How many "b" answers did you have for even-numbered questions? \_\_\_\_\_

LEFT HEMISPHERE TOTAL \_\_\_\_\_

How many "a" answers did you have for even-numbered questions? \_\_\_\_\_

How many "b" answers did you have for odd-numbered questions? \_\_\_\_\_

RIGHT HEMISPHERE TOTAL \_\_\_\_\_

### **Left-Hemisphere Dominance (left total = 10 or more)**

Your score indicates that you are generally a highly organized person. If you are sloppy, even your mess makes sense to you. When given a job to do, you like to approach the task one step at a time rather than plunging into it. If you are involved in extra-curricular activities, you are probably well-disciplined. For example, if you are a musician, you probably follow a practice schedule well. In the future, you'd probably do well in one of the following area: accounting, engineering, or computer programming

### **Right - Hemisphere Dominance (right total = 10 or more)**

Your total indicates that you use intuition and creativity to achieve certain goals, rather than an outlined, detailed plan of action. You feel that too much planning tends to limit possibilities. If you are involved in extra-curricular activities that require practice or drilling, you perform well when inspired but otherwise do not enjoy the routine of practicing every day. Chances are good that you are interested in one of the following areas: music, art, athletics.

### **Balanced Hemispheres (both totals = less than 10)**

As indicated in the previous descriptions, left-hemisphere people prefer structure; right-hemisphere people do not. Your score indicates that you fall somewhere between these two extremes. When given a job to do, you may prepare yourself by making lists (something a left-hemisphere person would do), but the lists may not be highly organized (which a right hemisphere person may prefer).

#### **LEFT BRAIN FUNCTIONS**

uses logic  
detail oriented  
facts rule  
words and language  
present and past  
math and science  
can comprehend  
knowing  
acknowledges  
order/pattern perception  
knows object name  
reality based  
forms strategies  
practical  
safe

#### **RIGHT BRAIN FUNCTIONS**

uses feeling  
"big picture" oriented  
imagination rules  
symbols and images  
present and future  
philosophy & religion  
can "get it" (i.e. meaning)  
believes  
appreciates  
spatial perception  
knows object function  
fantasy based  
presents possibilities  
impetuous  
risk taking