Date

## Biology Homework 1-7: Body Systems – Part B

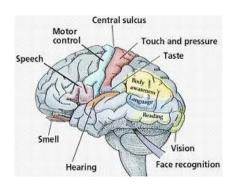
1. The two communication systems in the body that transmit messages between different parts of the body to maintain homeostasis are the -

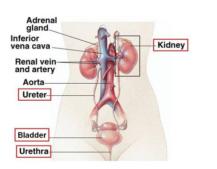
- a. digestive and excretory
- b. excretory and circulatory
- c. endocrine and nervous
- d. muscular and skeletal
- 2. Vocabulary. Match the following body systems with the correct definitions.
- \_\_\_\_\_ nervous system
- \_\_\_\_\_ endocrine system

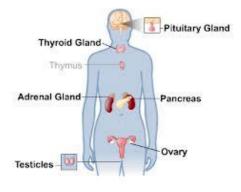
excretory system

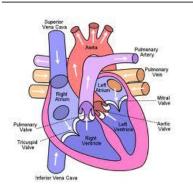
circulatory system

- a. transports oxygen and nutrients to every cell in the body and removes carbon dioxide waste
- b. removes non-solid waste material from the body and manages water volume
- c. consists of the brain, spinal cord and nerves; controls and coordinates functions throughout the body and responds to internal and external stimuli using electrical impulses
- d. Consists of physically separate organs; controls growth and development, and responds to the environment by using chemical signals









## 3. Identify the body systems depicted below.