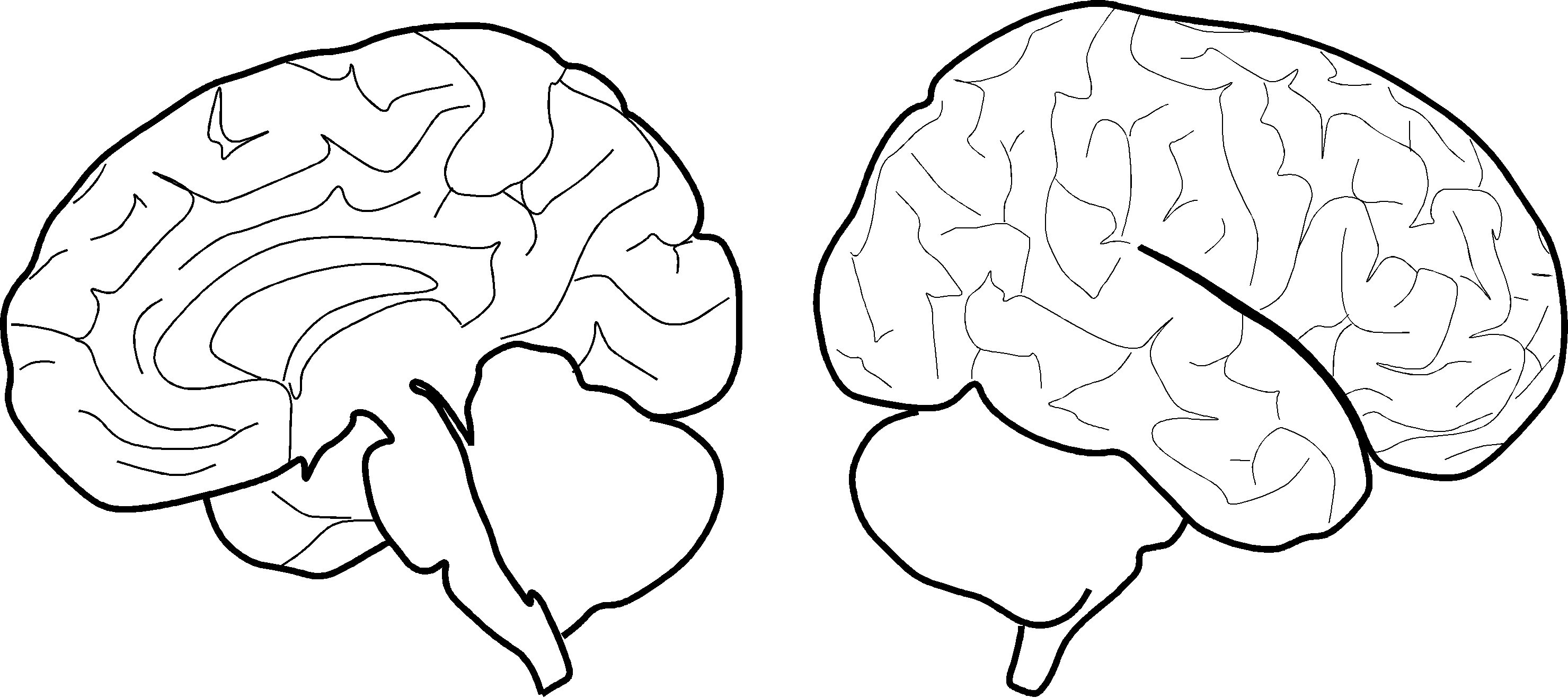
**Brain vocabulary test**

**All questions worth 1 point each**

**Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



B

C

A

**Questions 1-4 refer to the brain above. There may be more than one correct answer per question – circle all!**

1. Letter A marks ANTERIOR – VENTRAL – ROSTRAL – POSTERIOR.

2. Letter B marks DORSAL – ROSTRAL – SUPERIOR – INFERIOR.

3. Letter C is on the LATERAL – MEDIAL surface.

4. This brain is cut in the CORONAL – SAGITTAL – HORIZONTAL direction (hint: perpendicular to the shoulders).

5. A sensory pathway going from the body to the brain is: AFFERENT EFFERENT

6. A bundle of axons traveling together in the *brain* is called: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. A bundle of axons traveling together in the *body* is called: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. These cells form the support system for neurons: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. One job of the cells in #8 is to produce this fatty covering for axons: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. Any sensor that detects electrical signals is called: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. Name one specific function (e.g., a specific sensory system, a specific motor function) that we commonly work with in neural engineering:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. What is the difference between a prosthetic and an orthotic: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. A set of electrodes placed on the outside of the skull is called: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. What does proprioception sense: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. The sense that detects rotation and angle is called: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. The main neural engineering device used for hearing is called: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. Somatosensory processing is primarily associated with which lobe: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. The occipital cortex is linked with which sense: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. **For two points:** choose any one word that I have not already asked about, and define it in ten words or less.

Word: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Definition: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_