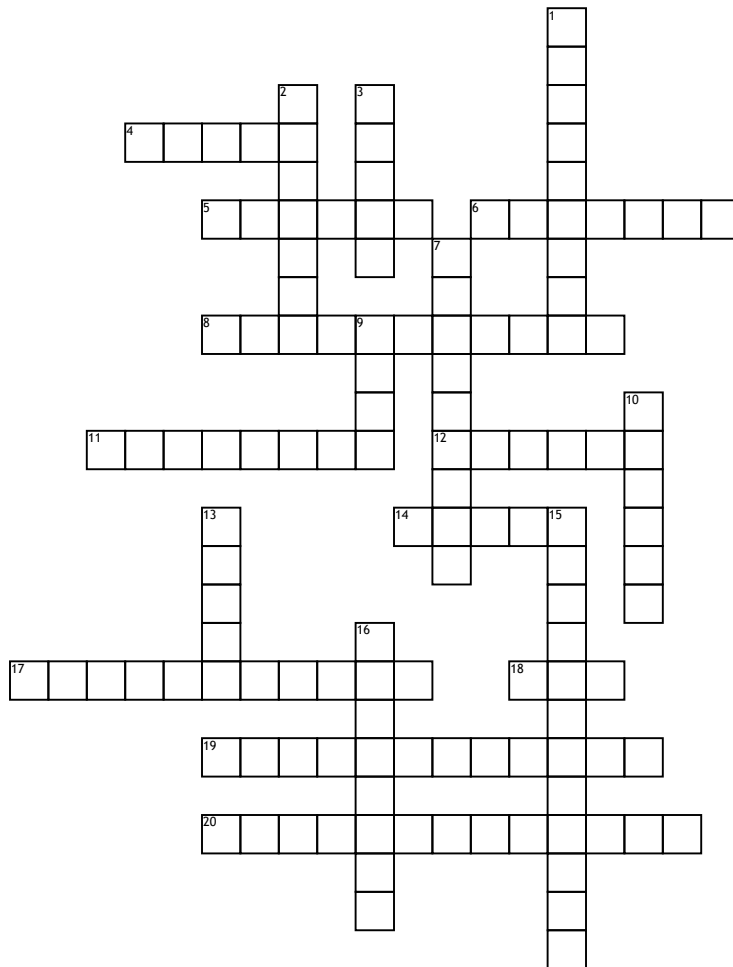


Neuroscience Exam 2 Review

Across

4. _____ motor neurons communicate with extrafusal muscle fibers.
5. _____ receptors adapt to a constant stimulus & stop responding for the entire duration.
6. Muscle tone is the resistance to _____ in a resting muscle.
8. The reticulospinal tract is a _____ process for anticipatory use of information.
11. Somatosensation is always _____ information.
12. The _____ cerebellar peduncle only deals with afferent information.
14. Motor tracts provide motor signals from the _____ to the spinal cord.
17. Muscle spindles provide sensory feedback on how hard a muscle is _____.



18. Information in divergent relay pathways is transmitted with _____ fidelity.

19. This is the ability to identify an object using touch and proprioceptive information.

20. The lateral _____ tract is the most important pathway for UE voluntary movement.

Down

1. The _____ spinocerebellar pathway transmits high-fidelity information from the LEs and lower trunk.

2. _____ & equilibrium is influenced by the vestibulocerebellum.

3. _____ receptors respond for the duration of time a stimulus is present.

7. The Z-line is the edge to edge length of a _____.

9. Getting a flu shot is an example of _____ (or discriminative) nociception.

10. The _____ motor tracts are involved in posture & gross motor movements.

13. _____ motor neurons are controlled by the cerebellum.

15. _____ relay pathways play a role in adjustments of movements that have been mastered and posture.

16. The _____ spinocerebellar tract crosses midline twice enroute to the cerebellum.

