

Nervous System Open Note Quiz  
Spinal Cord and Senses

Spinal Cord Characteristics - Matching

1. Holds spinal cord to sacrum	a. Vertebrae S1
2. Carries motor impulses out of cord	b. ventral root
3. location of grey matter	c. inside
4. Where the spinal cord ends	d. Dorsal root
	e. Vertebrae L1
	f. Filium Terminale
	g. Terminale ligamentum
	h. outside

Matching – Autonomic Pathways

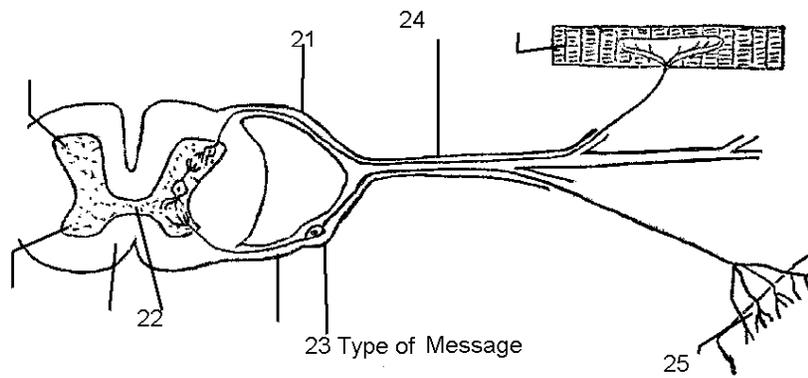
5. Prepares body for rest and repair	a. Sympathetic
6. Increased digestive, kidney and bladder function.	b. Parasympathetic
7. Dilates lung passages, increases sweat, decreases digestive enzyme production	c. none of these
	d. both of these

Completion

8. What happens to the lens of the eye when you focus on a nearby object?
9. Name the structure of dynamic equilibrium.
10. What is the function of the tympanic membrane?
11. Which two senses are closely tied together?
12. Which type of reflex protects you from tearing a muscle?
13. Name a stimulus that would cause a withdrawal reflex.

Senses - matching

- |  |                              |
|--|------------------------------|
| 14. Number of different "tastes"           | A. "radar dish" for sound    |
| 15. number of different somatic senses     | B. upper arm                 |
| 16. The area of sharpest vision            | C. 3                         |
| 17. converts vibrations into nerve impulse | D. depth perception          |
| 18. cones                                  | E. fovea capatis             |
| 19. External Ear                           | F. optic nerve               |
| 20. cross-eyed angle                       | G. finger tip/lips           |
|  | H. high light/color          |
|  | I. cochlea                   |
|  | J. low light/black and white |
|  | K. 5                         |
|  | L. 4                         |



Completion / Short answer:

21. Is this branch of the spinal nerve located towards your belly or your back?

22. In what direction do the nerve cells in this part of the spinal cord carry impulses?

23. What type of messages travel through this branch of the spinal nerve?

24. How many pairs of these spinal nerves branch off of the spinal cord?

25. Give an example of a stimulus that these nerve endings might receive that would cause an affinity reflex to occur?

26. Which type of equilibrium tells you which way is up, not which way you are moving?

27. Which type of environment “smells” more... humid or arid locations?

28. Explain the difference between your sympathetic and parasympathetic nervous system. What situation is each for? Name three changes that each causes?

Name \_\_\_\_\_

Date \_\_\_\_\_

1. \_\_\_\_\_

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