Spinal Cord Puzzle

ANTERIORHORN  ARC  BRANCH  CANAL  CENTERS  CORTICOSPINAL  CORD  CROSSED-EXTENSOR  DESCENDINGTRACT  ENLARGEMENT

EPIDURAL  FUNDICULI  GANGLION  HORN  LATERAL  LUMBAR  MOTOR  NERVE  NEURON  FLEXUS

POSTERIOR  REFLEXS  ROOT  SENSORY  SPINOthalamic  SPINAL  TRACTS  VENTRALROOT  WITHDRAWAL
Spinal Cord Puzzle

ACROSS CLUES

1. Nerve___ are major pathways in the spinal cord, they may be ascending or descending.
5. Space containing blood vessels, loose connective and adipose tissue that protects spinal cord
8. Thickening in the neck region of the spinal cord that gives off nerves to arms is the cervical
10. A reflex ___ consists: receptor, sensory neuron, interneuron, motor neuron and effector.
12. Name for the white matter columns of the spinal cord.
15. A spinal ___ consists of bundles of sensory and motor fibers wrapped in connective sheathes.
18. The dorsal ___ of a spinal nerve consists of sensory fibers.
19. The ___ is the gray matter of the spinal cord that contains motor neuron cell bodies.
21. The ___ branch of each spinal nerve innervates the muscles of the skin and back.
26. Another name for nerve cell.
27. The ___ horn contains sympathetic neuron cell bodies.
28. The type of reflex that occurs due to painful stimuli.

DOWN CLUES

2. The central ___ of the spinal cord contains CSF and is continuous with the ventricles.
3. Reflex that results in both the contraction of flexor muscles on one side & extensor on opposite.
4. The spinal nerve forms from the joining of the ___ ___ and the dorsal root.
6. A ___ carries motor information down the spinal cord from an area in the brain.
7. The spinal cord ends somewhere between the ___ vertebra 1 & 2.
9. A group of nerve cell bodies found in the peripheral nervous system.
11. A descending spinal tract from the cerebral cortex to the spinal cord.
13. The spinal ___ consists of 31 segments, each of which gives rise to a pair of spinal nerves.
14. Efferent neurons are ___ neurons carrying impulses to the muscles.
16. An ascending sensory tract extending from the spinal cord to the thalamus.
17. The posterior ___ contains interneurons receiving sensory information from sensory neurons
20. There are 31 pairs of ___ nerves.
21. A network of intertwining nerves leading to the arm is called the brachial ___.
22. Afferent nerves are nerves that carry ___ information to the spinal cord.
23. ___ are automatic, unconscious responses to changes occurring within or outside the body.
24. Two common reflex ___ are the brain stem and the spinal cord.
25. An anterior spinal nerve ___ may become part of complex network of plexuses.