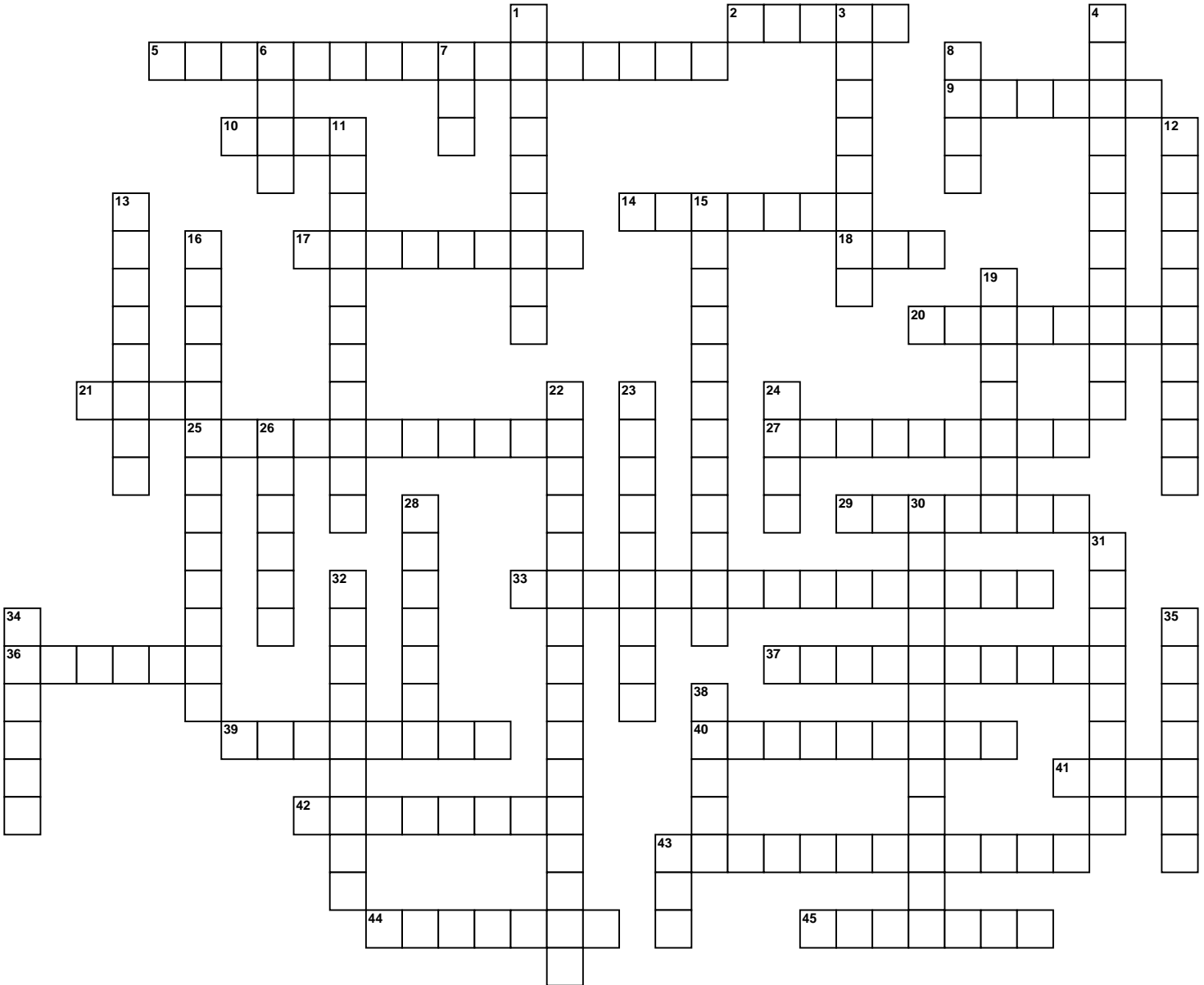


Nervous System 2



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ACROSS

- 2 Sacral parasympathetic nerve outflow (number) o
- 5 Craniosacral outflow of ANS
- 9 Cranial fossa lodging temporal lobes
- 10 Cranial source of middle cerebellar peduncle
- 14 Artery formed by merging of vertebral arteries
- 17 Clusters of neuronal cell bodies in the PNS
- 18 Neurotransmitter released at motor neuron synapses (abbr.)
- 20 Putamen and caudate
- 21 Inhibitory neurotransmitter (abbr.)
- 25 Nerve fibers that interconnect corresponding areas in opposite hemispheres
- 27 Lobe containing Brodmann area 17
- 29 Type of nerve cell that serves as olfactory receptor
- 33 Largest and newest division of cerebellum
- 36 A.K.A. Island of Reil
- 37 Nerve that always emerges between posterior cerebral and superior cerebellar arteries
- 39 Nerve conveying pain from perineum and lower vagina

- 40 A.K.A. rhombencephalon
- 41 Hemisphere commonly designated "talking hemisphere"
- 42 Division of nervous system distinguished by presence of 4 colliculi
- 43 Science that studies the brain
- 44 Division of nervous system consisting of brain and spinal cord
- 45 Length of spinal cord to which a pair of dorsal and ventral roots attach

DOWN

- 1 Pairs of spinal nerves (number)
- 3 Space between vertebrae and meninges investing the spinal cord
- 4 Phylogenetically older than neocortex
- 6 Longest neuronal process
- 7 Subdivision of PNS (abbr.)
- 8 Postsynaptic receptor for glutamate (abbr)
- 11 Pelvic parasympathetic nerves
- 12 Nerve associated with semilunar ganglion

- 13 Brain region involved with emotional memory
- 15 Nerves that convey pain from body and fundus of uterus
- 16 Cord region of sympathetic nerve outflow
- 19 Brain lobe where 1ry motor area resides
- 22 Nerve comprising afferent limb of gag reflex
- 23 Cutaneous area supplied by a pair of sensory dorsal nerve roots
- 24 Cranial nerves containing parasympathetic components (number)
- 26 Mental "time travel"
- 28 Paralysis indicative of a lower motor neuron lesion
- 30 A.K.A. globus pallidus
- 31 Generic term applied to axons and dendrites
- 32 Limb of internal capsule in which corticospinal fibers reside
- 34 Functional area occupying lips of calcarine sulcus
- 35 Largest nerve in the body
- 38 Rami communicantes located only from T1-L2 vertebral levels
- 43 Prefix designating basic 6 layered cerebral cortex

WORD BANK: Ach, ampa, amygdala, ans, axon, basilar, bipolar, central, commissural, dermatome, epidural, flaccid, four, frontal, gaba, ganglion, glossopharyngeal, hindbrain, insula, left, memory, midbrain, middle, neo, neurites, neuroscience, occipital, oculomotor, paleocortex, paleopallium, parasympathetics, pons, pontocerebellum, posterior, pudendal, sciatic, segment, splanchnics, striatum, sympathetics, thirtyone, thoracolumbar, three, trigeminal, visual, white.