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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Nervous System

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| **Across**  **2.** prepares the body to act by increasing heart rate, respiration, and blood pressure  **5.** coordinates the muscles, balance, and posture  **6.** consists of the brain and spinal cord  **7.** a clear, colorless fluid that fills the ventricles  **8.** conducts messages to other parts of the brain  **15.** consists of the nerves and has two divisions  **16.** responsible for many reflex actions and for carrying sensory messages up to the brain  **18.** the center of reasoning, thought, memory, and speech  **19.** a mass of nerve tissue well protected by membranes and the cranium  **20.** regulates and controls the autonomic nervous system  **21.** \_\_\_\_\_\_\_ is often a warning sign of an impending CVA.  **23.** complex, highly organized system that coordinates all the activities of the body  **24.** carries messages between the CNS and the body  **25.** three membranes that cover and protects the brain and spinal cord | **Down**  **1.** cerebrospinal fluid acts as a \_\_\_\_\_ \_\_\_\_\_\_\_\_.  **3.** hollow spaces that connect with each other  **4.** CT scans are used to determine the cause of a \_\_\_\_\_\_\_\_\_ accident.  **9.** counteracts the actions of the sympathetic system by slowing the heart rate, respiration, and blood pressure  **10.** the section located between the cerebrum and midbrain  **11.** contains the sympathetic and parasympathetic nervous systems  **12.** acts as a relay center and directs sensory impulses to the cerebrum  **13.** regulates heartbeat, respiration, swallowing, and blood pressure  **14.** conducts impulses between brain parts and for certain eye and auditory reflexes  **17.** a combination of many nerve fibers located outside the brain and spinal cord  **22.** basic structure unit of the nervous system |