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Anatomy and Physiology

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| **Across****3.** Neurons that primarily control skeletal muscles**5.** conrols heart rate, balance , coordination and sound modulation for the inner ear**10.** Limbic system, smell, emotion, mood, memory and motor functions takes place**12.** Brain and spinal cord are in what NS**13.** Fight or Flight**14.** Ascending and descending nerve tracts that relay information between the cerebrum and cerebellum**15.** Smallest region, visual reflex center and part of the auditory pathway in the CNS is | **Down****1.** homeostasis, conservation of energy, rest**2.** The small glands in the skin that secrete sebum into hair follicles and onto most of the body surface is**4.** Controls muscle movement and tone, regulates balance and intentional movements is **6.** Neurons that primarily control smooth muscles, cardiac and glands**7.** What NS does nerve cells that radiate out from the spinal cord and through the rest of the body**8.** Sensory relay center from spinal cord to the cerebrum is **9.** An epidermal cell that produces melanin **11.** The external layer of the skin is |

   Epidermis       Somatic NS       Autonomic NS       Sympathetic       Sebaceous glands       Mid brain       thalamus       cerebellum       Cerebrum       parasympathetic NS       melanocytes       Central       peripheral NS       pons       medulla oblongata