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Ch. 9 Anatomy Vocab

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|  | 3M |  O |  T |  O |  R |  N |  E |  U |  R |  O |  N |  S |  |  Y |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  O |  |  |  |  |  | 5B |  I |  P |  O |  L |  A |  R |  |  |  |  |  |  |  |  |  |  |
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|  | 6S |  |  |  |  | 7P |  N |  S |  |  |  |  |  | 8R |  |  T |  | 9M |  |  |  | 10N |  |  |  |  |  |  |  |
|  |  E |  |  |  |  |  |  E |  |  |  |  |  |  |  E |  |  I |  |  U |  |  |  |  O |  |  |  |  |  |  |  |
|  |  N |  |  |  | 11N |  |  U |  |  | 12O |  |  |  |  S |  |  C |  |  L |  | 13N |  |  D |  |  |  |  |  |  |  |
|  |  S |  |  | 14N |  E |  U |  R |  O |  G |  L |  I |  A |  |  T |  |  N |  |  T |  | 15E |  P |  E |  N |  D |  Y |  M | 16A |  L |  |
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|  |  Y |  | 17A |  X |  O |  N |  S |  |  |  O |  | 18N |  |  G |  |  V |  |  O |  | 19E |  F |  F |  E |  C |  T |  O |  R |  S |  |
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|  |  O |  |  |  |  S |  | 23M |  |  |  C |  |  |  | 24I |  N |  T |  E |  R |  N |  E |  U |  R |  O |  N |  S |  |  |  |  |
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|  |  |  | 28S |  C |  H |  W |  A |  N |  N |  C |  E |  L |  L |  S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across****3.** (efferent neurons) transmit impulses out of the brain or spinal cord to effectors; control muscle contraction and secretions of glands**5.** type of neuron that have 2 processes, one arising from each of the cell body (1 axon, 1 dendrite)**7.** composed of nerves and connects the CNS to other body parts**14.** nervous tissue that provides physical support, insulation, and nutrients**15.** form an epithelial like membrane that covers specialized brain parts and form inner linings that enclose spaces in the brain**17.** extensions that send electro chemical info.**19.** include muscles and glands whose actions are controlled or modified nerve impulses**20.** extension of cell body that receive electro. chemical messages**21.** type of neuron that have single processes extending from cell body that divide into 2 branches (peripheral process ad central process)**24.** (assosciation neuron) found entirely within the brain or spinal cord and transmit impulses from one part of the brain or spinal cord to another**25.** sheath that surrounds the myelin sheath**26.** junction between two communicating neurons**27.** rounded area on neurons**28.** produce a myelin sheath around axons of neurons | **Down****1.** (afferent neurons) transmit nerve impulses from peripheral body parts into brain or spinal cord**2.** mixture of proteins and lipids that form a white-ish insulating sheet around nerve fibers**4.** controls skeletal muscle**6.** gather info. by detecting changes inside and outside the body**8.** potential difference between the region outside the membrane and inside the membrane**9.** type of neuron that has many processes arising from their cell body (1 axon, the rest dendrites)**10.** narrow gaps between schwann cells**11.** a network of fine threads that form the cell body of a neuron**12.** provide myelin sheath around axons in the brain and spinal cord**13.** information in the form of electro. chemical changes**16.** provide structural support, join parts by their cellular processes, and regulate concentrations of nutrients and ions**18.** nerve cells**22.** consists of brain and spinal cord**23.** support neurons and phagocytize bacterial cells  |