

What to Know – Nervous System Quiz: Chapter 35-1 through 35-3

Biology B

Human Body Systems

- Levels of organization in human body
 - Cell, tissue, organ, organ system
- Types of tissues
 - Muscle, epithelial, connective, nervous
- Homeostasis – define
 - Feedback inhibition – define, examples

Nervous system

- Function
- Neurons
 - Anatomy: cell body, dendrites, axon, myelin sheath, axon terminals
- Nerve impulse
 - Resting potential
 - What causes it?
 - What is the charge inside/outside neuron?
 - Action potential
 - What causes a nerve impulse?
 - Define action potential
 - What causes action potential?
 - Threshold
 - Define
- Synapse
 - Define
 - Function
 - Neurotransmitters
 - Define
 - Function

Divisions of the Nervous System

- Central nervous system
 - Function
 - Brain
 - Cerebrum – location, function
 - Cerebellum – location, function
 - Brain stem – location, function
 - Thalamus and hypothalamus – location, function
 - Spinal cord
 - Function
 - Reflex – define
- Peripheral nervous system
 - Sensory division
 - Function
 - Motor division
 - Function
 - Somatic division
 - Function
 - Autonomic division
 - Function
 - Sympathetic division
 - Function

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- Parasympathetic division
 - Function