

Chapter 18 – Control & Regulation

- The chapter eighteen terms are defined for you. You need to either give an example or tell what the term “IS” or “IS NOT”.

Neuron	Nerve cell.
Dendrite	Fiber that carries messages to the nerve cell body.
Axon	Fiber that carries messages away from a nerve cell body.
Synapse	Gap between the axon of one nerve cell and the dendrite of another.
Cerebrum	Part of the brain that controls the senses and thinking.
Cerebellum	Part of the brain that controls balance and body motion.
Brainstem	Bundle of nerves at the base of the brain.
Medulla	Lower part of the brain stem that controls heartbeat and breathing rate.
Reflex	Automatic response to a stimulus.
Receptor	Part of a nerve cell that receives stimuli from the environment.
Reflex Arc	Path of a message in a reflex.
Sense Organ	Special organ that receives and processes stimuli from the environment.
Cornea	Clear covering at the front of the eye.
Iris	Colored part of the eye that controls the amount of light entering the eye.
Pupil	Opening in the center of the iris.
Lens	Part of the eye that focuses an image on the retina.
Retina	Part of the eye that receives images from the lens and transmits them to the brain.
Eardrum	Sheet of tissue that vibrates when sounds strike it.
Cochlea	Part of the ear that changes vibrations into nerve signals.

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Gland	Organ that makes chemical substances used or released by the body.
Exocrine Gland	Gland that has ducts.
Endocrine Gland	Gland that does not have ducts.
Hypothalamus	Part of the brain that tells the pituitary gland to release certain chemicals.
Hormone	Chemical substance that regulates body function.
Target Cell	Cell that responds to a hormone's chemical structure.
Drug	A chemical substance that causes a change in the body.
Depressant	Drug that slows down the central nervous system.
Addiction	Uncontrollable dependence on a drug.
Stimulant	Drug that speeds up the central nervous system.
Hallucinogen	Drug that causes a person to see, hear, smell, taste, and feel things in an altered way.
Inhalant	Everyday product that is inhaled and used as a drug.