

Name: \_\_\_\_\_

# CASE

## ASA Presentation Notes

Unit: \_\_\_\_\_ 4 \_\_\_\_\_

Lesson Name: \_\_\_\_\_ 4.3 \_\_\_\_\_

Presentation on: \_\_\_\_\_ nerves hormones and kidneys  
\_\_\_\_\_

Notes from Presentation:

Functions

-coordinates and controls the body  
neurons

-nerve cells that transmit information

central nervous system

central nervous system

receives signals

coordinates activity

spinal cord

link between the cns and pns

overall coordination

peripheral nervous system

peripheral nervous system

all nerves and neurons outside the brain and spinal cord

sensory somatic system

operates motor activity

nerves for sight sound

Peripheral nervous system

Sympathetic system

Stimulates organs for fight or flight

Increases BP and heart rate

Directs blood to muscles brain and heart

Parasympathetic system

Maintains normal body function

Opposite actions of sympathetic system

The endocrine system

Functions

Maintain homeostasis in the body

Release of hormones to target organs

Regulate growth sexual development and metabolism \mostly regulated by a negative feedback system

Hormones are secreted in response to a change in the body.

Glands producing hormones

Pituitary

Master gland

Secretes hormones that control other endocrine glands

Adrenal

Produces epinephrine and norepinephrine which control the fight or flight system

# ASA Reflection Page

List 5 key points that are important to remember from this presentation.

1. Brain
2. Spinal cord
3. Central nervous system
4. Anatomy system
5. Sympathetic

List 3 ideas or concepts that this new information has in common with previous things learned.

1. Brain is at the top of the nervous system
2. There are 2 different nervous system
3. Then spinal cord after the brain

List questions or ideas that remain unclear about the information presented that should be asked for clarity at the appropriate time.

