

Chapter Three Review

Endocrine System

Function and chemical transmitters associated with each:

- Adrenal Glands
- Thyroid gland
- Pituitary Gland

Nervous System:

Lobes

Identify (label) & explain function

- Occipital Lobe
- Parietal Lobe
- Temporal Lobe
- Frontal Lobe
- Cerebellum

Internal Brain Parts

Explain function/provide example or case study

- Amygdala
- Corpus Callosum
- Hypothalamus
- Hippocampus
- Thalamus
- Broca's Area (Speech)
- Wernicke's Area (comprehension)

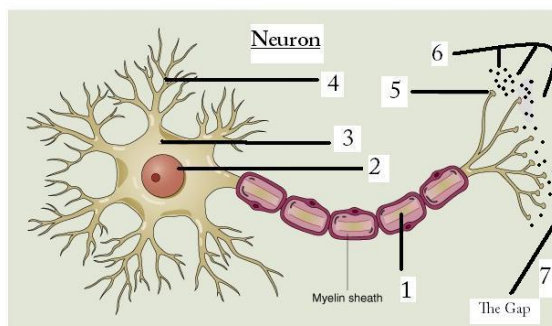
Identify parts and function:

- Central Nervous system
- Peripheral Nervous system

Explain how an impulse travels through the Nervous System

Label

- Axon
- Axon terminals
- Neurotransmitters
- Dendrites
- Synapse
- Cell body
- Myelin sheath



Genetics

- Nature vs. Nurture
- Twin Studies
- Chromosome abnormalities

1. Describe (with examples not just definitions) the difference between a neurotransmitter and a hormone.
2. How do the left and right hemispheres differ, and describe some characteristics of a right/left-brain dominant person.
3. Explain the nature vs. nurture debate and give examples to support your ideas. Identify what school of psychologists would more likely support nature and nurture.
4. How does the nervous system “react” when we are put into a stressful situation?