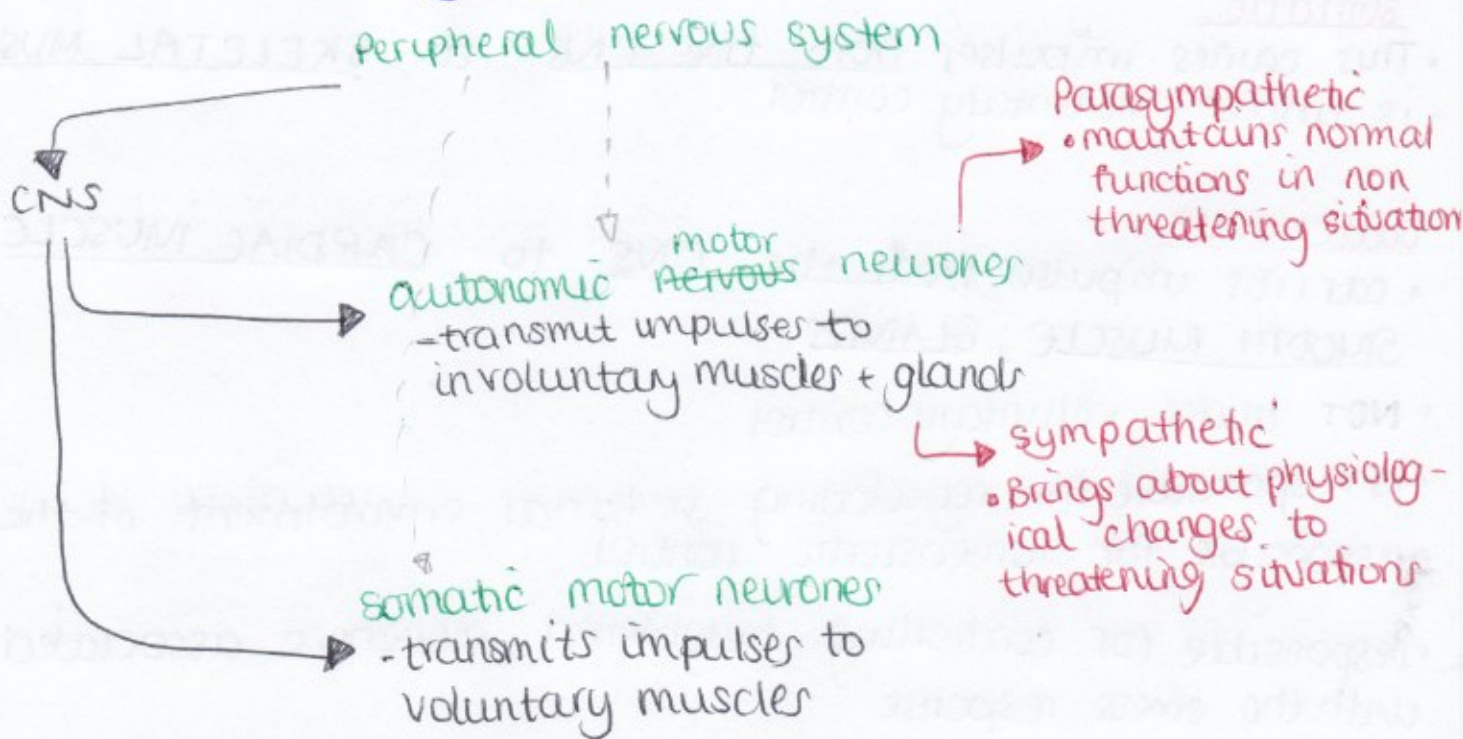


The peripheral and central nervous system



central nervous system (CNS)

Def: consists of the brain + spinal cord

Peripheral nervous system

Def: All the sensory and motor neurones outside the CNS that connect the receptors and effectors to the CNS

Differences between CNS & peripheral [5 marks]

CNS: - contains brain + spinal cord
- contains intermediate neurone (relay)
- Has a coordination role

PNS: - contains nerves from sense organs/to muscles/to glands
- involves sensory + motor neurones (not relay)
- has a role in sensing stimuli and controlling effectors
- delivers impulses to + from the CNS
- includes the somatic + autonomic nervous systems