

Exam 2 break down (updated 10/4, 10:45am)

Ch 4 part 1 – remainder of chapter – 12 questions

- 8 on monoamine neurotransmitters (serotonin, dopamine) & drugs that affect it
- 1 on how erectile dysfunction drugs work
- 3 on GABA, glycine, and glutamate

Ch 4 part 2 (CNS) – 20 questions

- 3 on cerebral lobes
- 1 on cerebral basal nuclei for motor control (caudate nucleus, claustrum, ~~putamen, globus pallidus~~)
- 1 on cerebral basal nuclei for emotions (amygdala, cingulate gyrus, septal nuclei)
- 2 on midbrain functions & neurons
- 1 on aphasia
- 5 on hypothalamic neurons
- 1 on ~~dermatome body sensory map~~ ventral versus dorsal horn of spinal cord
- 2 on reticular activating system
- 1 on sleep and neurotransmitters
- 3 on brain imaging techniques

Ch 4 part 3 (PNS) – 18 questions

- 6 on nerve pairs involved in parasympathetic (vagus and sacral) and sympathetic (thoracic and lumbar) responses
- 5 on epinephrine & its adrenergic receptors (beta 1, beta 2, and alpha) & sympathetic (fight/flight) responses
- 2 on cranial nerves
- 5 on adrenergic drugs (propranolol, atenolol, dobutamine, isoproterenol, and albuterol)