Brain and Nervous System Study Guide Questions

1. What are the parts of the brainstem, and what are their major functions?
2. What is the function of the thalamus?
3. What is the function of the cerebellum?
4. What are the major regions of the cerebral cortex?
5. What are the left hemisphere’s two specialized language areas, and how do they differ? What special functions does the right hemisphere handle?
6. What are the primary parts of a typical neurons, and what functions do those parts perform?
7. What roles doe the action potential, refractory period, and resting potential play in generating a neural impulse?
8. What role do neurotransmitters play in neural communication?
9. What are the steps of the neural chain?
10. What are the divisions of the nervous system, and what is the function of each of these subsystems?
11. How does the way the endocrine system communicates differ from the way the nervous system communicates?