Neuroanatomy

Chapter 1

1. What are the components of the two main divisions of the nervous system?
2. Explain the differences between reflex and relay circuits.
3. What are the names given to groups of neuronal cell bodies and their locations?
4. What are the names given to bundles of axons and their locations?
5. What is the difference between afferent and efferent?
6. What are the layers of meninges around the brain and spinal cord?
7. What are the meningeal spaces and their contents?
8. List the Glial (supporting) cells in the CNS and their functions.
9. List the Glial (supporting) cells in the PNS and their functions.
10. What are the two special properties of neurons?
11. What are the structural components of neurons?
12. List the morphological classifications of neurons, their functional differences, and locations.
13. What are the functions of anterograde and retrograde axonal transport?
14. List three possible targets of neurons and the differences in their synapses
15. What is the ‘all or none’ principle as it applies to neurons?
16. What are the factors that affect the velocity of propagation to action potentials?
17. What are the types of impuslse propagation that occur with myelinated and unmyenlinated

 neurons?