

RICHDALES INSTITUTE ANATOMY & PHYSIOLOGY STUDY GUIDE

NERVOUS SYSTEM

1. What are the main divisions (by location and function) of the nervous system
2. Describe the areas of the neurone and their functions
3. What are the components of the brain and their functions
4. What are the 3 layers of meninges
5. How many nerves come out of each region in the spine
6. What are the names and functions of Cranial Nerves V, VII and X
7. Describe and state the functions of the 2 divisions of the autonomic nervous system
8. What are the functions of the afferent and efferent neurones
9. What is the hypothalamus? Explain its function and relationship with the endocrine system
10. Explain how messages are conveyed along a myelinated axon
11. What is a nerve impulse
12. Describe the causes and symptoms of the following disorders -
Parkinsons, Multiple sclerosis (MS), Myalgic Encephalomyelitis (ME), Motor Neurone Disease (MND)