

STUDY GUIDE

This guide is intended to help you direct your attention to material covered in class. If by error I have failed to include something on this guide that was covered in lecture, it does not mean it will not be on the test. All material on your Powerpoint handouts may be on your test. I have intended to make this guide comprehensive but it is NOT a *guide* to the questions on the test. Use it wisely.

Study Guide Chapter 15 Brain and Cranial Nerves

1. During development (4 weeks), what are the three regions identifiable in the human brain?
2. What regions of the adult brain are found in the forebrain? Midbrain? Hindbrain?
3. What occurs in the cerebral cortex?
4. How are projection, commissural and association fibers different?
5. How are gyri and sulci different?
6. Where are cell bodies of motor and sensory neurons found?
7. What is an aphasia? Differentiate between Broca's and Wernicke's aphasia.
8. What function does the thalamus have?
9. What is the function of the hypothalamus?
10. What is the limbic system? Where is it found?
11. The superior colliculi and inferior colliculi of the brain receive information from where?
12. What does the substantia nigra secrete? Remember Parkinson's disease?
13. What is the function of the cerebellum?
14. What does the pons control?
15. What reflex centers are located in the medulla oblongata?
16. What junctions are present in the blood brain barrier between capillaries and neurons?
17. How many ventricles does the brain have? Which are they?
18. Where is the septum pellucidum found?
19. Where does the cerebrospinal fluid flow (CSF)? What propels the flow?
20. What is the function of the CSF?

Cranial Nerves

21. How many cranial nerves do we have?
22. Know the name and number and function of the cranial nerves. Sensory, motor or both?
23. Oh Oh Oh, To Touch And Feel A Good Velvet, AH ! or
Oh Once One takes The Anatomy Final, Very Good Vacation Ahead &
Some Say Marry Money But My Brother Says Big Brains Matter Most