1. How big is the average brain? (Size/weight)

Review Packet: The Brain

1. Identify the sections of the brain stem.
2. Identify the sections of the higher brain.
3. Identify the structures of the limbic system.
4. Identify the structures of the ventricles
5. What are the larger regions of the brain? What are the smaller regions of the brain?

10. What is the two basic “relay” centers of the brain? Where do they relay information from and to?

11. What are the basic jobs and responsibilities of the medulla?

12. What are the basic jobs and responsibilities of the pons?

13. What are the basic jobs and responsibilities of the midbrain?

14. What are the basic jobs and responsibilities of the thalamus?

15. What are the basic jobs and responsibilities of the hypothalamus?

16. What are the basic jobs and responsibilities of the cerebellum?

17. What are the basic jobs and responsibilities of the cerebrum?

18. What are the basic jobs and responsibilities of the limbic system?

19. Why do we have ventricles? What do they contain?

20. What are the cranial meninges?

23. Do the hemispheres of the cerebrum communicate? How?

24. What are the three types of fibers that are within the cerebrum? What do they do?

25. What are the 5 major sensory and motor areas in the brain?

26. What are the major integrative areas of the brain?

27. The cerebellum has folds. Why? What are they called?

28. What section of the brain has a very close relationship with the master gland?

29. Is the thalamus one structure? If not, what does it look like?

30. If a bear started rampaging in the classroom some people might run away, while some people might try to fend it off. What is this called? What is this instinct controlled by?

31. Where are memories started, linked, formed and then passed on to be stored?

32. Where would I look to find the reticular formation?

33. Draw a picture of a brainstem below. Label it.

34. What is the corpora quadrigemina? What does it control?

35. Use the space below to give basic information on the following cranial nerves.

|  |  |
| --- | --- |
| Nerve | Information |
| N I |  |
| N II |  |
| N iV |  |
| N V |  |
| N VII |  |
| N IX |  |
| N X |  |
| N XI |  |
| N XII |  |