

Newark NJ Brain Bee Competition

Sample Questions

Below you will find the only local brain bee questions that have been officially released as samples. These questions are intended to help you understand the degree of difficulty of our questions, not to focus your studies on one area of neuroscience or another.

1. Approximately how many neurons does the brain contain?
(100 billion)
2. Name the device that measures brain waves.
(Electroencephalograph)
3. What is the average weight of the human brain? (~1400g)
4. What do you call the professionals who perform experiments on the brain and nervous system?
(Neuroscientists)
5. The longitudinal fissure divides the cerebrum into how many parts? (2)
6. True or False: Monkeys will readily self-administer heroin if they have unlimited access to it? (True)
7. True or False: Brain tumors are always malignant. (False)
8. Prozac relieves symptoms of depression by affecting which neurotransmitter? (Serotonin)