Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_P. \_\_\_\_

**THE HUMAN BRAIN NOTES**

Your brain is your most powerful organ, yet weighs only about three pounds. It has a texture similar to firm jelly.

1. L**abel** the three main parts of the brain.



2. The part of the brain that controls vision, thinking, hearing, remembering, problem solving, thinking and feeling is called the

3. The part of the brain that controls balance, coordination—muscle memory for skills such as skating, walking, golfing, or throwing is called the

4. The part of the brain that controls automatic functions such as breathing, digestion, heart rate and blood pressure is called the

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_**

**Study of the Frog's Brain**

Starting at the most anterior part of the head, the olfactory nerves connect to the nostrils and then to the **olfactory** **lobes (A**) where odors are processed. Just posterior to the olfactory lobes are two elongate bodies with rounded bases, this is the **cerebrum (B),** and it is the frog's thinking center. The cerebrum is the part of the brain that helps the frog respond to its environment. Posterior to the cerebrum are the **optic lobes (C),** which function in vision. The ridge just behind the optic lobes is the **cerebellum (D),** it is used to coordinate the frog's muscles and maintain balance. Posterior to the cerebellum is the **medulla oblongata (E)** controls involuntary actions of organs and connects the brain to the **spinal cord (F).**

 **COMPLETE THE CHART.**

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| --- | --- | --- |
| Brain Part | Function | Letter |
| Cerebellum |  |   |
|  Cerebrum |  |   |
|  Olfactory Lobe |  |   |
|  Optic Lobe |  |   |
|  Medulla Oblongata |  |   |

 | http://www.biologycorner.com/resources/frog_brain.gif |