Zoe Bamford

Mr. Hakim

English 7A

20 March 2018

Thesis: A dog brain is surprisingly similar to a human brain because similar parts of the brain are used to control their actions. Each part of the brain is important in a person's and dog's life because both humans and dogs have have wake/sleep patterns, emotions, and routines.

I. Each part of the brain plays an important role in a persons and dog body.

A. The cerebrum is the uppermost region of the central nervous system.

1. The cerebrum forms the bulk of the brain.

2. The cerebrum is divided into symmetric left and right hemispheres.

B. The cerebellum is found at the bottom back of the brain, behind the brain stem.

1. The cerebellum is in the vertebrates.

2. The cerebellum makes up of four lobes.

C. The hypothalamus controls the body's blood flow.

1. The hypothalamus is located in the region of the forebrain below the thalamus.

2. The hypothalamus is also located near the the base of the brain, next to the pituitary gland.

3. If the hypothalamus doesn't work properly, it can lead to many disorders.

D. The thalamus is two masses of grey matter lying between the cerebral hemispheres.

1. The thalamus is large, and makes up most of the mass of the diencephalon

a. The diencephalon consists of structures on either side of the third ventricle.

E. The pineal gland is a small endocrine gland in the vertebrate brain.

1. The pineal gland is behind the third-ventricle in the brain.

2. The pineal gland is about the size of a pea.

II. The brain is used in everyday activities.

A. The purpose of the cerebrum is