

Name _____ Date _____ Period _____

Sheep Brain Dissection

Use the “Dissection Guide To The Mammalian Brain” on the website to answer the following questions and to aid you in the required drawings.

Describe the function of the following

- a. Dura Mater: _____
- b. Meninges: _____

What are the 3 distinct areas of the brain?

- i. _____
- ii. _____
- iii. _____

Exterior Anatomy – Dorsal View Drawing

Define the following structures and then label your drawing:

- 1. Cerebrum: _____
- 2. Longitudinal Fissure: _____
- 3. Gyri: _____
- 4. Sulci: _____
- 5. Cerebellum: _____
- 6. Medulla oblongata: _____

Exterior Anatomy – Ventral View Drawing

Define the following structures and then label your drawing:

- 1. Optic Chiasma: _____
- 2. Pituitary Gland: _____
- 3. Temporal Lobes: _____
- 4. Pons: _____
- 5. Medulla oblongata: _____
- 6. Spinal Cord: _____
- 7. How many cranial nerves are there? _____
- 8. How are they traditionally designated? _____
- 9. What is the rhyme students use to remember the cranial nerves?

Name the cranial nerves

- i. _____
- ii. _____
- iii. _____
- iv. _____
- v. _____
- vi. _____
- vii. _____
- viii. _____
- ix. _____
- x. _____
- xi. _____
- xii. _____

II. Sagittal Section of the Brain

Define the following structures and then label your drawing:

1. Thalamus: _____
2. Corpus Callosum: _____
3. White Matter: _____
4. Gray Matter: _____
5. Midbrain: _____
6. Hypothalamus: _____
7. Arbor Vitae: _____
8. Also label the following:
 - a. Pons, Pituitary, Hypothalamus, Olfactory bulb, spinal cord and the medulla oblongata

Drawings

Dorsal View

Ventral View

Sagittal Section View