4.4: Post-Lab 4 Questions

(3 points)

Last Name: _______________________
First Name: _______________________

1. Which of the following structures are not part of the brainstem? (Circle the appropriate response(s)) (0.5 points)
   - Cerebral hemisphere
   - Cerebellum
   - Pons
   - Medulla oblongata
   - Midbrain
   - Diencephalon

2. What are the three primary parts of the diencephalon? (0.5 points)

3. Identify the meningeal (or associated) structures described below: (1 point)
   1. Outermost meninx that covers the brain and is composed of tough, fibrous connective tissue
2. Location of CSF production

3. Innermost meninx that covers the brain

4. Structures instrumental in returning cerebrospinal fluid (CSF) to the venous blood in the dural venous sinuses

5. A dural fold separating the cerebrum from the cerebellum

4. Provide the name and number of the cranial nerves involved in each of the following activities, sensations or disorders. (1 point)

1. _____________________ Rotating the head
2. _____________________ Smelling coffee
3. _____________________ Elevating the eyelids; pupillary constriction
4. _____________________ Slowing the heart; swallowing
5. _____________________ Involved in Bell’s palsy (facial paralysis); crying
6. _____________________ Chewing food; feeling a toothache
7. _____________________ Listening to music; seasickness
8. _____________________ Secretion of saliva; tasting well-seasoned food
9. _____________________ Involved in “rolling” the eyes (three nerves; provide numbers only)
10. _____________________ Swallowing; speaking (motor only)
11. _____________________ Seeing the PowerPoint during lecture