Assignment 2

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1. Which of the following is true? 1 point
   a. The autonomic nervous system consists of the spinal cord and brainstem.
   b. The cerebellum is involved in the control of voluntary movements.
   c. The thalamus relays sensory information to the cerebral cortex.
   d. The hypothalamus regulates the autonomic nervous system.
   [Your answer]

2. The motor cortex is the part of ________ 1 point
   [Your answer]

3. Local anaesthetic is applied to the dent al region to prevent pain. 1 point
   [Your answer]

4. The ________ involves presenting participants with a list of words in different colored lines and asking them to read out the name of the word in color. 1 point
   [Your answer]

5. Which of the following is true? 1 point
   a. A common and abnormal visual activity in the brain is referred to as epilepsy. The most severe symptoms involve seizures and loss of consciousness.
   b. TMS can help localize the exact site of brain injury.
   c. Hippocampus is also known as semantic memory.
   d. Dopamine is a neurotransmitter that plays an important role in reward-based behavior.
   [Your answer]

6. The ________ is a procedure which injects a small amount of contrast to stimulate the person's brain. 1 point
   [Your answer]

7. ________ is a method used to study the anatomical structure of the second victim in post-accident reports that compiled the brain's white matter, and can therefore show an ________ growth in the structural connectivity of the brain. 1 point
   a. The single-slice imaging
   b. Diffusion Tensor Imaging
   c. The single subunit imaging
   d. The single subject imaging
   [Your answer]

8. Which of the following is true? 1 point
   a. Computed Tomography scanning enables the reconstruction of 3-D spaces from compressed 2-D images.
   b. CT scans have better spatial resolution than EDS.
   c. EDS have better spatial resolution than XRD.
   d. None of the above.
   [Your answer]

9. The ________ can measure relative but not the absolute metabolic activity. 1 point
   [Your answer]

10. ________ provide a point measure of structural analysis and the functioning of the brain. 1 point
    a. PET
    b. EDS
    c. Both
    d. Neither
    [Your answer]