Name _____ Date _____ Class _____

Section Quiz 6-2

Studying the Brain

SCORE

Matching

Match each item in Column A with the items in Column B. Write the correct letters in the blanks. *(10 points each)*

Column A

D 1. part of the brain located at the rear base of the skull that is involved in the basic processes of life

A 2. part of the brain that covers the brain's central core

E 3. imaging technique used to study brain structure and activity

C 4. imaging technique used to see which brain areas are being activated while performing tasks

B 5. machine used to record the electrical activity of large portions of the brain

Column B

A. forebrain

B. electroencephalograph

C. positron emission tomography

D. hindbrain

E. magnetic resonance imaging

Multiple Choice

Choose the item that best completes each statement or answers each question. Write the letter of that item in the blank to the left of the sentence. *(10 points each)*

B 6. The part of the brain that integrates sensory information and relays it upward is the
- A. hindbrain.
- B. midbrain.
- C. forebrain.
- D. pons.

C 7. Thinking processes are housed in the
- A. hindbrain.
- B. midbrain.
- C. forebrain.
- D. hippocampus.

B 8. A band of fibers called the _____ connects the cerebral hemispheres.
- A. occipital lobe
- B. corpus callosum
- C. motor cortex
- D. somatosensory cortex

C 9. Split-brain operations may be performed as a last resort to control
- A. Alzheimer's disease.
- B. growth of brain tumors.
- C. grand mal seizures.
- D. memory loss.

D 10. Which of the following is NOT part of the limbic system?
- A. hypothalamus
- B. hippocampus
- C. amygdala
- D. pons

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