

# PSYCH 260 Quiz 1

September 14, 2015

## 1 Main - 10 pts



1. The image illustrates what type of slice?
  - A. Sagittal**
  - B. Horizontal
  - C. Coronal
  - D. Axial
2. All of the following structures can be seen in the figure EXCEPT
  - A. Cerebellum
  - B. Corpus callosum
  - C. Lateral ventricles**
  - D. Cerebral cortex
3. The figure illustrates which imaging method?
  - A. CT
  - B. PET
  - C. Magnetoencephalography (MEG)
  - D. MRI**

4. Descartes thought that this structure was the place where the soul influenced the human body's voluntary movements.
- A. The pons
  - B. The pituitary gland
  - C. The pineal gland**
  - D. The reflexive complex
5. The tongue is \_\_\_\_\_ with respect to the nose.
- A. Ventral**
  - B. Superior
  - C. Dorsal
  - D. Medial
6. Auditory information enters the CNS via the 8th (VIII) cranial nerve and projects through this sound-responsive nucleus of the midbrain tectum.
- A. lateral geniculate nucleus
  - B. striatum
  - C. substantia nigra
  - D. inferior colliculus**
7. Neural degeneration in this structure is associated with Parkinson's Disease.
- A. hypothalamus
  - B. substantia nigra**
  - C. insula
  - D. amygdala
8. Electroencephalography (EEG) has \_\_\_\_\_ temporal resolution than functional MRI, but \_\_\_\_\_ spatial resolution.
- A. better; similar
  - B. better; worse**
  - C. worse; better
  - D. worse; similar
9. Which of these landmarks separates the frontal from the parietal lobe?
- A. Lateral fissure
  - B. Longitudinal fissure
  - C. Anterior cingulate gyrus
  - D. Central sulcus**
10. Gray matter is mainly composed of:
- A. Axons
  - B. Cell bodies**
  - C. Myelin
  - D. None of the above

## **2 Bonus**

11. Which of these is NOT a component of the forebrain?
- A. Cerebral cortex
  - B. Basal ganglia
  - C. Hypothalamus
  - D. Medulla**