

260-2017-02-17

Rick Gilmore

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Today's Topics

- **Quiz 2.**
 - Review Exam 1
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Question 12: What fissure or sulcus is represented in the figures?

- Superior temporal sulcus
- Central sulcus
- Longitudinal fissure
- Lateral fissure

Question 12: What fissure or sulcus is represented in the figures?

- Superior temporal sulcus
- ~~Central sulcus~~ Not dividing frontal/parietal; not vertical
- ~~Longitudinal fissure~~ Not medial; not dividing hemispheres
- Lateral fissure

Question 13: Primary somatosensory cortex (SI) is found in the ????.

- Temporal lobe
- Frontal lobe
- Hypothalamus
- Basal ganglia
- Parietal lobe

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Study hint

- Cortical landmarks <https://psu-psychology.github.io/psych-260-spring-2017/lecture-notes/260-2017-01-30.html#22>
- Lobes, landmarks, areas <https://psu-psychology.github.io/psych-260-spring-2017/lecture-notes/260-2017-01-30.html#46>

Question 16:

Your grandmother has a stroke. The neurologist chooses an X-ray-based structural brain imaging method that gives satisfactory, but not especially detailed spatial resolution. What method is that?

- Computed tomography (CT)
- functional MRI.
- Positron Emission Tomography (PET).
- Anterograde tract tracers.

Question 16:

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- Computed tomography (CT)
- ~~functional MRI~~ Not X-ray based
- ~~Positron Emission Tomography (PET)~~ Not X-ray based
- ~~Anterograde tract tracers~~ Cell projection method

Question 20: Among other functions ???? play(s) a role in regulating the extracellular concentration of ????.

- astrocytes; glutamate
- myelin sheath; Na⁺ ions.
- Circle of Willis; blood loss.
- blood/brain barrier; oxygen levels.

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Question 31: Which of the following marks the medial boundary of the frontal lobe?

- Lateral fissure
 - Longitudinal fissure
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 - Inferior temporal gyrus
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Question 43:

In a typical neuron near or slightly above its resting potential chloride (Cl⁻) ions would flow ???? following the concentration gradient. This would move the neuron ???? its firing threshold.

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- Inward; closer to
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