

Lab 1 questions and answers

What lobe is anterior to the central sulcus?

Frontal

What is the function of Broca's area?

Articulation of speech

What are the functions of the precentral and postcentral gyri?

Voluntary movement control and mechanical sensations (touch, position sense), respectively

What are the functions of the angular and supramarginal gyri?

Higher functions, including aspects of perception, understanding language, and reading

What sensory information is represented in Heschl's gyri?

sounds

What sensory modality is represented along the banks of the calcarine fissure?

Vision

What functions do structures in the limbic system subserve?

Emotions, learning, and memory

What two types of cortex does the collateral sulcus separate?

Typical neocortex (6 layers), which is located laterally, from transitional (i.e., < 6 layers) and 3 layered cortex, medially