

Brain List

Be able to provide *NAME* and *FUNCTIONS* for the following on the sheep brain:

FUNCTIONS

Cerebrum	Cerebral Hemispheres	Cognitive awareness of self. Consciousness
	Gyri and Sulci	Results from an increase in processing surface area
	Grey and White Matter	GM - cell bodies and dendrites synapsing. Processing. WM - Myelinated fiber tracks - Conducts impulses / information
	Longitudinal Fissure Corpus Callosum	anatomical landmark separating left and right hemispheres Myelinated fiber tracks connecting left and right hemispheres
Cerebellum	Cerebellum	Synergistic control of skeletal muscle ("autopilot")
	Arbor Vitae	Descriptive term of white and gray matter of cerebellum means: "tree of life"
Brain Stem and Midbrain	Medulla Oblongata	Present in this region: <ul style="list-style-type: none"> • Respiratory rhythmicity center - "pacemaker for ventilation" • Cardio-regulatory center - regulates heart pacemaker • Vasomotor center - control center for vasodilation and vasoconstriction
Diencephalon	Pons	Relay center for conduction of impulses to/from higher/lower parts of central nervous system
	Corpora quadrigemina	skeletal muscle control due to abrupt visual/auditory stimuli
	Thalamus Hypothalamus	Thalamus Hypothalamus
Chambers and Structures Associated with Cerebrospinal Fluid	Lateral Ventricles	contains and conducts cerebrospinal fluid
	Third Ventricle	contains and conducts cerebrospinal fluid
	Cerebral Aqueduct	contains and conducts cerebrospinal fluid, and connects third and fourth ventricles
	Fourth Ventricle	contains and conducts cerebrospinal fluid
	Choroid Plexus	makes cerebrospinal fluid