

Identify the Below Landmarks in Superficial Lateral Brain View

Frontal lobe
Parietal lobe
Temporal lobe
Occipital lobe
Lateral sulcus
Central sulcus

Precentral gyrus
Postcentral gyrus
Medulla oblongata
Pons
Cerebellum

Identify the Below Landmarks in Superficial Superior Brain View

Longitudinal fissure
Left and right cerebral hemispheres
Corpus callosum

Identify the Below Landmarks in Midsagittal Brain Section

Central sulcus
Precentral gyrus
Postcentral gyrus
Fornix
Thalamus
Hypothalamus
Pineal gland
Hypothalamus
Corpora quadrigemina
 Superior colliculus
 Inferior colliculus
Mesencephalic (cerebral) aqueduct
Cerebellum
 Arbor vitae

Ventricles
 Lateral, Third, Interventricular
 foramen, Mesencephalic
 (cerebral) aqueduct, Fourth
Brain stem
 Medulla oblongata, Pons,
 Mesencephalon (midbrain)
Optic chiasm
Septum pellucidum
Corpus callosum
Fornix
Infundibulum
Pituitary

Identify the Below Landmarks in Inferior Brain View

Brain stem
 Medulla oblongata, Pons,
 Mesencephalon (midbrain)
Cerebellum
Spinal cord

Olfactory Nerve (I)
Olfactory Tract
Olfactory bulb
Optic Nerve (II)
Optic chiasm

List of Cranial Nerves and Function

Region	View	Nerve	Function
Brain	Inferior	Olfactory (I)	Olfaction – sensory
		Optic (II)	Sight – sensory
		Oculomotor (III)	Extrinsic/intrinsic eye movement – motor
		Trochlear (IV)	Extrinsic eye movement – motor
		Trigeminal (V)	Facial sensation – sensory
		<i>Ophthalmic</i>	Mastication – motor
		<i>Maxillary</i>	
		<i>Mandibular</i>	
		Abducens (VI)	Extrinsic eye movement – motor
		Facial (VII)	Taste – sensory
			Facial expression, lacrimation
			Salivation <i>submand/subling</i> – motor
			Vestibulocochlear (VIII)
			Vestibular Balance & equilibrium – sensory
	Cochlear Hearing – sensory		
	Glossopharyngeal (IX) Taste/tongue – sensory		
	Swallowing – motor		
	Vagus (X) Sensory & motor functions in pharynx & visceral organs in thoracic & abdominopelvic cavities		
	Accessory (XI) Pharyngeal & sternocleidomastoid muscles – motor		
	Hypoglossal (XII) Tongue musculature – motor		

Identify the Below Landmarks in Spinal Cord Cross Section View

Anterior gray horn	Meninges
Lateral gray horn	Dura mater
Posterior gray horn	Arachnoid
Gray commissure	Pia mater
Central canal	Epidural space (with adipose tissue)
Anterior white column	Subdural space
Lateral white column	Subarachnoid space (with CSF)
Posterior white column	Autonomic (sympathetic) ganglia
Anterior median fissure	
Posterior median sulcus	
Spinal nerve	
Ventral root	
Dorsal root	
Dorsal root ganglion	