

CNS 4 DISSECTED BRAIN

GROSS

Shows frontal ,parietal and temporal lobes

SALIENT FEATURES:

Removal of the Brain from skull

- Insert **four fingers** of the left hand between the frontal lobes and the skull.
- Draw them **backward** and then with the right hand, cut the nerves and vessels as they emerge from the skull.
- **Cut the tentorium** along the superior border of the petrous bone. **Cut the cervical cord**, first cervical nerves and vertebral arteries.
- **Support** the brain throughout with the **left hand**. **Remove** the brain along with the cerebellum and brainstem which is supported by the **right hand**..
- Remove the pituitary by chiseling the posterior clinoid processes and incising the diaphragm of the sella turcica around its periphery.

Dissection of the Brain

- The most utilized and reliable method of brain sectioning is the **coronal cutting method**,
- First, the cerebellum and brainstem should be **separated** from the cerebrum and cut the surface in a **horizontal plane with a large scalpel**.
- The brainstem is then separated from the cerebellum **at the cerebellar peduncles**

