MENINGES AND CEREBROSPINAL FLUID

MENINGES
- DURA MATER, ARACHNOID, and PIA MATER.
- DURAL REFLECTIONS make compartments in cranial cavity.
- DURAL VENOUS SINUSES.
  - Superior sagittal, Straight, Transverse

“MATER” is usually omitted.

CEREBROSPINAL FLUID
- PRODUCTION IN VENTRICLES
  - Choroid plexuses
- CIRCULATION
  - Ventricles to Subarachnoid space
- ABSORPTION INTO BLOOD
  - Arachnoid granulations

Dural reflections.
Dural venous sinuses.

Meningeal layers, arachnoid granulations (villi) and veins.
Ventricular system and choroid plexuses.

Median aperture.  

Lateral apertures.  

Arachnoid granulations.
HYDROCEPHALUS
Too much CSF in (and sometimes also around) the brain

INTERNAL
Due to obstruction of flow through the ventricular system.
  e.g. Stenosis of cerebral aqueduct.
  Tumour in cerebellum.

COMMUNICATING
Due to obstruction of flow through subarachnoid space, or to blockage of arachnoid granulations.
  e.g. Bacterial meningitis, or subarachnoid haemorrhage.

Normal T2-weighted MRI.  

Hydrocephalus.