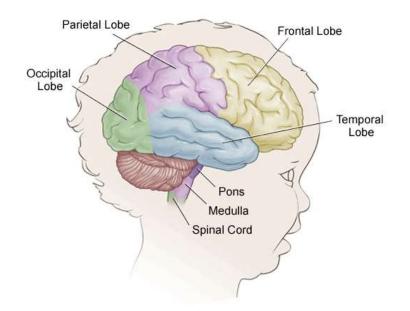


1300—1500 g. (Male)			
1250—1350 g. (Female)			
Sagittal diameter:	15-17 cm.		
Vertical diameter:	12—13 cm.		
y removed without its a	external layer (the	dura mater is left in	the skull)
1. Dura mater			
2. Arachnoid mater	:		
Delicate			
Transparent			
3. Pia mater:			
• Thin			
Delicate Vasc	cular		
• Covers the br	ain		
• Dips into its clefts			
Largest			
	1250—1350 g. (Fem Sagittal diameter: Vertical diameter: y removed without its of 1. Dura mater 2. Arachnoid mater • Delicate • Transparent 3. Pia mater: • Thin • Delicate Vaso • Covers the br • Dips into its of	1250—1350 g. (Female)         Sagittal diameter:         15-17 cm.         Vertical diameter:         12—13 cm.         y removed without its external layer (the         1. Dura mater         2. Arachnoid mater:         • Delicate         • Transparent         3. Pia mater:         • Thin         • Delicate Vascular         • Covers the brain         • Dips into its clefts	1250—1350 g. (Female)         Sagittal diameter:         15-17 cm.         Vertical diameter:         12—13 cm.         y removed without its external layer (the dura mater is left in         1. Dura mater         2. Arachnoid mater:         • Delicate         • Transparent         3. Pia mater:         • Thin         • Delicate Vascular         • Covers the brain         • Dips into its clefts

	Two hemispheres:	Right	L	
		Left		
		Separated by a longitudinal fissure		
	External surface:	Sulci between whi	ich are <b>: Gyri</b>	
2. Cerebellum:	Next in size to cereb	ext in size to cerebrum		
	Two hemispheres:	Right Left		
		Connected togethe		
	Shows fissures:	<ul> <li>Deep</li> <li>Narrow</li> <li>Parallel</li> </ul>		
3. Brain-stem:	a) Mid brain b) Pons c) Medulla oblo	ongata		



On section:			
Grey matter	nerve cells	Inside brain stem	
		(few (nerve fibres at surface) and	
		Mostly at surface of neuroglia)	
		Cerebrum and Cerebellum	
White matter	• nerve fibres &	At surface of brain-stem	
	• neuroglia	Inside cerebrum and Cerebellum	

Frontol lobe	Parietal lobe (language
behaviour and movement)	and toucht
PS PS	
Temporal lobe	Occipital Occipital
and feelings)	fobe (sight)
	Cerebellum
Broin stem	(balance and) (has
(breathing,	coordination)
heart rate and	
temperature)	
Lobes of Cerebrum:	• Frontal (largest)
	• Parietal
	• Temporal
	• Occipital (smallest)
Surfaces:	Superior lateral: Convex
<b>,</b>	• Medial: Flat
	• Inferior: Uneven
Poles:	Frontal
	Temporal
	Occipital
Borders:	Superior-medial (upper)
Doruers.	
	• Infero-lateral (lower)
	• Superciliary
<u>a</u>	• Infero-medial
Cavities:	Lined by ependymal
	Filled with C.S.F. (clear yellowish fluid)
	Choroid Massa Pineal body plexus intermedia /
	Fornix / /
	Corpus canosum
Septum pell	lucidum Cerebral aqueduct
Septum peli	adueduct
	A THE PLAN
Thalamu	
3th ventricle	
Poste	
commis	ssure
	Optic nerve Optic chiasm
	Hypothalamus
	Hypophysis (Puritary gland)
Ce	erebral peduncie (Mesencephalon)
	Pons
	Medulla oblongata / / / / / / / / / / / / / / / / / /

a) Ventricles:	Lateral:	Inside cerebral hemisphere		
	Third:	Enclosed betw	rebral hemispheres	
		Communicate	s by a foramen with t	the lateral ventricle
	Fourth:			
b) Aqueduct:	A connecting	connecting tunnel between third and fourth ventricles averses mid brain		
	Traverses mid			
c) Central canal:	Between medulla oblongata and spinal cord			
	Continuous su	superiorly with $\cdot$ fourth ventricle		
Sulci:	Grooves:	Variable in:	• Length	
			• Shape	
			Direction	
			• Shallow (or	r narrow)
			Short (or lo	ng)
Gyri:	Areas or strips; each of:		A cortex:	Grey matter
			A core:	White matter
Blood vessels:	Large blood vessels of brain:		Lie between the arachnoid and pia mater	
Hind brain:	Includes:	Cer	ebellum	
		Pon		
		• Med	dulla oblongata	

