

Sulci		Gyri	Areas	
Lateral (superolateral) surface				
<ul style="list-style-type: none"> ▪ Central sulcus ▪ Precentral sulcus ▪ Postcentral sulcus ▪ 3 rami of the lateral sulcus: <ul style="list-style-type: none"> - Anterior - Ascending - Posterior ▪ Superior & inferior frontal sulci ▪ Superior & inferior temporal sulci ▪ Intraparietal sulcus ▪ Parieto-occipital sulcus ▪ calcarine sulcus ▪ Sulcus lunatus 	<ul style="list-style-type: none"> ▪ Precentral gyrus ▪ Postcentral gyrus ▪ 3 frontal gyri: <ul style="list-style-type: none"> - Superior - Middle - Inferior ▪ 3 temporal gyri: <ul style="list-style-type: none"> - Superior - Middle - Inferior ▪ Superior parietal lobule ▪ Inferior parietal lobule: <ul style="list-style-type: none"> - Supramarginal gyrus - Angular gyrus 	All the motor areas		
		<ul style="list-style-type: none"> a. Opercular b. Triangular c. Orbital 	<ul style="list-style-type: none"> ▪ Primary motor area ▪ Premotor area ▪ Frontal eye field area ▪ Motor speech area = Broca's area ▪ Personality Centre ▪ General (somatic) sensory area ▪ Somatosensory association area ▪ Primary taste area ▪ Primary vestibular area ▪ 2 sensory speech areas ▪ Primary auditory or Heschl's area ▪ Auditory association or Wernicke s area ▪ Primary visual area ▪ Visual association areas 	<ul style="list-style-type: none"> 4 6 8 44 & 45 "D" 9, 10, 11 & 12 3, 1, 2 5, 7 & 40 43 & 39,40 "D" 41 & 42 22 17 18 & 19
Medial surface				
<ul style="list-style-type: none"> ▪ Callosal sulcus ▪ Cingulate sulcus ▪ Marginal sulcus ▪ Subparietal sulcus ▪ Calcarine sulcus. ▪ Parieto-occipital sulcus ▪ Collateral sulcus 	<ul style="list-style-type: none"> ▪ Cingulate gyrus ▪ Lingual gyrus ▪ Cuneus ▪ Precuneus ▪ Paracentral lobule ▪ Superior (medial) frontal gyrus 	<ul style="list-style-type: none"> ▪ Primary visual area ▪ Visual association areas ▪ Extension of the primary motor & general sensory ▪ Prefrontal cortex (personality centre) 	<ul style="list-style-type: none"> 17 18 & 19 	
Inferior surface				
Orbital surface	<ul style="list-style-type: none"> ▪ Olfactory sulcus. ▪ Orbital sulcus (H-shaped) 	<ul style="list-style-type: none"> ▪ Gyrus rectus: Orbital gyri. 	<ul style="list-style-type: none"> ▪ Primary olfactory area ▪ Olfactory association area 	<ul style="list-style-type: none"> in the uncus 28
Tentorial surface	<ul style="list-style-type: none"> ▪ Collateral sulcus. ▪ Rhinal sulcus. ▪ Occipitotemporal sulcus. 	<ul style="list-style-type: none"> ▪ Para-hippocampal gyrus. ▪ Uncus ▪ Occipitotemporal gyrus (<i>fusiform gyrus</i>) 		