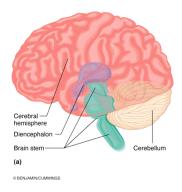
Central Nervous System Anterior (rostral) end Level of Neural plate (a) 19 days (c) 22 days Neural fold Level of (b) 20 days (d) 26 days Anterior (rostral) Metencephalon Mesencephalon Midbrain Cervical Flexures Diencephalon — Telencephalon — Myelencephalon -Spinal cord (a) Cerebral hemisphere Outline of diencephalon Midbrain ) - Cerebellum - Pons - Medulla oblongata (b) Spinal cord © BENJAMIN/CUMMINGS Posterior (caudal) Cerebral hemisphere Cerebellum Pons (d) Medulla oblongata Cerebral hemisphere Cerebellum Pons Medulla oblongata (c) Spinal cord © BENJAMIN/CUMI Lateral – ventricle - Anterior horn Septum-pellucidum Inter-ventricular foramen Third — ventricle Cerebral-aqueduct Inferior Lateral aperture Fourth -ventricle Central-canal (a) D BENJAMIN/CUN Lateral ventricle Third ventricle Anterior horn - Posterior horn Inter-ventricular foramen - Cerebral aqueduct Fourth ventricle Inferior horn Median aperture Lateral – aperture -Central canal (b)

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Precentral gyrus Fontal lobe Parietal robe Parietal robe Parietal robe Parietal robe Parieto-occipial surface of hemisphere) Lateral sulcus Occipital lobe Transverse fissure Cerebellum Pons Medulla oblongata Spinal cord Spinal cord Spinal cord Sulcus White matter

