



RASHIDA IQBAL FINANCIAL
AID ORGANIZATION

ANATOMY GUIDELINES FOR MODULE 4

RIFAQ
RAWALPINDI MEDICAL UNIVERSITY

GROSS

No need to do chapter 1,2 , 3,14&18

Chapter 4,5,6,10,11,15 ,16 & 17 are important

Chapter 4

- Nerve groups in anterior & posterior grey columns
- All transverse sections of spinal cord(very important)
- Functions of ascending & descending tracts
- Pathways of ascending & descending tracts
- Spinal lemniscus
- Pyramidal & non pyramidal tracts
- Lamination of ascending tracts
- Extensor & flexor paraplegia
- Tabes Dorsalis features
- Upper & lower motor neuron lesions
- Types of paralysis
- Spinal shock syndrome
- Brown Sequard syndrome
- Syringomyelia
- Amyotrophic lateral sclerosis

Chapter 5

- Structure of skull for ospe & viva
- All cross sections of brain stem(very very important)
- Nucleus 2ambiguus
- All tables of this chapter
- Arnold-Chiari malformation
- Lateral & medial medullary syndrome
- Weber & benedict syndrome

Chapter 6

- Structures of cerebellum
- Types of input fibers

- Cerebellar peduncles
- Cerebellar afferent & efferent fibers
- Tables of this chapter
- Features of cerebellar lesion

Chapter 7

- Diencephalon & their parts
- Thalamus boundaries
- Epithalamus
- Relations of hypothalamus
- Optic chiasma
- 3rd ventricle boundaries
- General appearance of cerebrum just read for MCQ'S
- Commissural fibers & projection fibers
- Tela choroidea

Chapter 8

- Names of areas in all lobes & their Brodmann number

Chapter 9

- General arrangement of reticular formation
- Afferent & efferent projections of reticular formation

Chapter 10

- Nuclei included in basal nuclei & their arrangement
- Corpus striatum & neo striatum
- Features of internal capsule damage
- Connections of corpus striatum & globus pallidus(very very important)
- All clinical notes of this chapter

Chapter 11

- 1,2,5,7,8,9,10&12 are important cranial nerves
- Nuclei of trigeminal nerve & their location
- Trigeminal neuralgia
- Bell's palsy

Chapter 12

- Nuclei of thalamus
- Ventral tier nuclei function (very important)
- Medial & lateral geniculate bodies
- Table 12.1
- Thalamic hand

Chapter 13

- Nuclei of hypothalamus
- Table 13.3 & 13.4

Chapter 15

- Dura matter layers & folds
- Nerve & arterial supply of dura mater
- Dural venous sinuses(very important)
- Cisternae (do this topic from BD)
- Epidural & subdural haemorrhage

Chapter 16

- Lateral ventricle parts & their boundaries
- 3rd & 4th ventricle boundaries & their choroid plexuses
- Cerebral aqueduct
- Circulation of CSF
- Blood brain barrier
- Areas where blood brain barrier is not present

Chapter 17

- Internal carotid artery ,vertebral artery & their branches
- Circle of Willis
- Fig 17.3
- Arteries to specific brain areas
- Arteries of spinal cord

HISTOLOGY

- Morphological classification of neurons with examples
- Synapses structure & their types
- Difference between sensory & autonomic ganglia
- Astrocytes types & their functions
- Blood brain barrier
- Cells & layers of cerebral cortex
- Layers of cerebellum
- Afferent fibers of cerebellum
- Histological diagrams of spinal cord, cerebellum, cerebrum & nerve fiber are important

REMEMBER RIFAO TEAM IN YOUR PRAYERS

REGARDS

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