

ANATOMY

PAPER - II

ANAT/D/13/02/II

Time : 3 hours

Max. Marks : 100

Important instructions:

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

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| 1. | Draw transverse section of medulla oblongata at the level of olive. Add a note on medullary syndromes. | 6+4 |
| 2. | Describe the connections and functions of thalamus. | 10 |
| 3. | Describe the grey matter of spinal cord. | 10 |
| 4. | Describe the functional cortical areas of cerebrum. | 10 |
| 5. | Describe the auditory pathway. Briefly discuss the effects of lesions at various levels of auditory pathway. | 7+3 |
| 6. | Describe the connections and functions of basal ganglia. | 10 |
| 7. | Describe the inferior horn of lateral ventricle. Add a note on Hydrocephalus. | 7+3 |
| 8. | Describe the general visceral efferent column of brainstem. | 10 |
| 9. | Describe the meninges covering spinal cord. Add a note on epidural space. | 7+3 |
| 10. | Describe the structure of blood-brain barrier. Add a note on its applied anatomy. | 7+3 |
