

FINAL EXAM  
DECEMBER 2015

NATIONAL BOARD OF EXAMINATIONS

**ANATOMY**  
**PAPER – II**

ANT/D/15/02/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.

**Write short notes on:**

|     |   |         |
|-----|---|---------|
| 1.  | Ventral tier nuclei of lateral part of thalamus along with their connections and functions.   | 6+2+2   |
| 2.  | Course of Corticospinal Tract and its applied anatomy.  | 7+3     |
| 3.  | a) Circulation of cerebrospinal fluid in the brain.<br>b) Concept of functioning of blood brain barrier along with its development. | 5+5     |
| 4.  | Features of lateral medullary syndrome.   | 10      |
| 5.  | Position & relations of cavernous sinus along with its connections. Add a note on its clinical anatomy.                             | (4+2)+4 |
| 6.  | a) Modifications of deep fascia.<br>b) Functions of deep fascia.  | 6+4     |
| 7.  | Nerve entrapment giving common sites in body and its clinical implications.   | 6+4     |
| 8.  | Draw a labeled diagram of transverse section of Pons at the level of facial colliculus. Add a note on Neurobiotaxis.                | 7+3     |
| 9.  | a) Components and connections of hippocampus.<br>b) Its neuro- physiological functions.   | 7+3     |
| 10. | Utility of bones in age and sex determination of an individual.   | 6+4     |

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