

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

ANATOMY
PAPER – II

ANT/D/16/02/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:

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| 1. Explain functional cortical areas of cerebral cortex. Add a note on its applied anatomy. | 6+4 |
| 2. Functional nuclear components, course, branches and lesions of facial nerve. | 2+3+2+3 |
| 3. a) Ventricular system of the brain.
b) Mention its circulation and areas of blood brain barrier. | 5+(3+2) |
| 4. Fibre components, blood supply and applied anatomy of internal capsule. | 3+3+4 |
| 5. Collateral circulation mentioning sites alongwith participating vessels. | 10 |
| 6. Medicolegal importance of the ossification of bones. | 10 |
| 7. Draw a labeled diagram of midbrain at the level of inferior colliculus. Write its blood supply and effect of its occlusion. | 6+(2+2) |
| 8. Gross anatomy and nerve supply of cranial duramater. | 6+4 |
| 9. a) Pathway for accommodation reflex.
b) Anatomical basis of Argyll Robertson Pupil. | 7+3 |
| 10. a) Functional lobes of cerebellum.
b) Enumerate their functions.
c) Cerebellar lesions. | 4+2+4 |
