

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:

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. 5+(3+2)
b) Mention its circulation and areas of blood brain barrier.
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. 7+3
b) Anatomical basis of Argyll Robertson Pupil.
10. a) Functional lobes of cerebellum. 4+2+4
b) Enumerate their functions.
c) Cerebellar lesions.
