

ANATOMY**PAPER-II**Time: 3 hours
Max. Marks:100

ANT/D/20/02/II

Important Instructions:

- **You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.**
- **Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.**
- **No additional supplementary answer sheet booklet will be provided.**
- 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. Describe descending tracts in detail. 10
2. a) Pupillary light reflex. 5+5
b) Cerebellar islands.
3. Discuss arterial supply of cerebrum in detail. Add a note on its applied aspects. 6+4
4. Describe third ventricle in detail. 10
5. Discuss numerical chromosomal abnormalities. Add a note on genetic counselling. 6+4
6. a) ICSI. 5+5
b) Fetal therapy.
7. a) ISH technique. 5+5
b) Aphasia.
8. Discuss reticular activating system in detail. 10
9. a) Disorders of basal ganglia. 5+5
b) Fornix.
10. Describe facial nerve under the following headings: 2+4+4
a) Nuclei of origin and functional column.
b) Course and branches.
c) Effect of its lesion at different levels.
