

**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.

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