ANATOMY
PAPER – 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. 
   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. 
   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. 
   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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