

**ANATOMY**  
**PAPER - III**

ANAT/D/13/02/III

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.*

1. Describe the anatomy of mammary gland. Add a note on its applied anatomy. 10
2. Describe the thoracic duct. 10
3. Describe the medial longitudinal arch of foot. Add a note on Talipes Equino Varus. 7+3
4. Discuss the innervation of urinary bladder. Add a note on mechanism of micturition. 5+5
5. Describe the muscles of larynx with nerve supply. Add a note on its clinical significance. (5+2)+3
6. Describe the pelvic diaphragm with its applied anatomy. 5+5
7. Describe the clinical and medico-legal importance of ossification of bones. 10
8. Describe the blood supply and lymphatic drainage of anal canal. Add a note on its applied anatomy. 6+4
9. Describe the radiological techniques to visualize the gastro-intestinal system. 10
10. Describe the blood supply of heart. Add a note on its clinical significance. 6+4

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