

**2010 Scheme**

Q.P. Code: 102001

Reg. No.: .....

**First Professional MBBS Degree Supplementary Examinations  
September 2021****Anatomy - Paper II****Time: 3 Hours****Total Marks: 50**

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

**Long Essay****(10)**

1. A 32 years old woman presented with a swelling in front of her neck and that was moving up and down during swallowing. Following surgical removal of the swelling, she noticed a change in her voice. Based on your knowledge in anatomy, answer the following questions:
  - Name the structure that causes the swelling and give the reason why it moves up and down during swallowing.
  - Briefly describe the gross anatomical features, relations and the blood supply of the structure involved.
  - What could be the probable cause for a change in her voice following surgery.
  - What precautions should be taken during surgery to avoid this complication

**(2+5+1+2)****Short essays****(3x5=15)**

2. Supports of uterus and its applied anatomy
3. Dural venous sinuses.
4. Internal capsule – parts, relations, ascending and descending fibers and applied anatomy.

**Short notes****(5x3=15)**

5. Carotid sheath.
6. Naso-pharynx.
7. Microscopic anatomy of pituitary gland.
8. Ureter.
9. Diaphragm.

**Short answers****( 3x2=6)**

10. Middle meningeal artery.
11. Superior orbital fissure.
12. Extent and contents of spermatic cord.

**Draw diagram****(2x2=4)**

13. Anterior surface of right kidney showing its relations
14. Median section of brain.

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