

## **2010 Scheme**

**Q.P. Code: 102001**

**Reg. No.: .....**

**First Professional MBBS Degree Supplementary Examinations July 2022**

### **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 60 years old hypertensive developed sudden paralysis of the left side of his body. On examination he had 'increased muscle tone', exaggerated deep tendon reflexes and positive Babinski's sign on the affected side. Answer the following questions:

- Name the parts of internal capsule and the part in which the lesion is likely to be situated
- Enumerate the fibre constituents of each part of the internal capsule
- Which is the most commonly ruptured artery in the cerebral hemisphere.
- Describe the blood supply of internal capsule

**(2+2+2+4)**

#### **Short essays**

**(3x5=15)**

2. Otic ganglion.
3. Lymphatic drainage of stomach
4. Ischio-rectal fossa

#### **Short notes**

**(5x3=15)**

5. Development of tongue
6. Microscopic structure of pituitary gland
7. Spermatic cord
8. Investing layer of deep cervical fascia
9. Posterior relations of left kidney

#### **Short answers**

**(3x2=6)**

10. Tympanic membrane
11. Epiploic foramen
12. Nerve supply of urinary bladder

#### **Draw diagrams**

**(2x2=4)**

13. Transverse section of medulla at the level of olive
14. Horizontal section through abdomen at the level of L<sub>1</sub> vertebra.

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