

# **2019 Scheme**

**Q.P. Code: 112001**

**Reg. no.: .....**

## **First Professional MBBS Degree Regular/Supplementary Examinations February 2023 Human Anatomy - Paper II**

**Time: 3 Hours**

**Total Marks: 100**

- *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 Essays**

**(2x15=30)**

1. A 50-year-old man presented with a history of rapidly growing painful swelling on the face below the ear lobule on the left side. On examination the left ear lobule was found to be lifted by the swelling. There was an inability to close the left eye and to blow the cheek. The angle of mouth was deviated to the right side.
  - a) Name the surfaces, borders and structures related to the affected organ
  - b) Give the nerve supply of the organ
  - c) Correlate the symptoms seen in relation to the anatomical structures (8+4+3)
2. Describe the kidney under the following headings
  - Anterior relations • Coverings • Microscopic structure • Anatomical structures encountered in succession in surgical exposure by lumbar route (5+4+3+3)

### **Short essays**

**(5x8=40)**

3. Parts, boundaries and features of lateral ventricle
4. Portocaval anastomosis -sites, vessels involved and applied importance
5. Formation, branches of Circle of Willis
6. Parts, lymphatic drainage and development of stomach
7. Nerve supply of tongue correlating with its development

### **Short answers**

**(4x4=16)**

8. Explain the anatomical basis of inguinal hernia
9. Ischiorectal fossa.
10. Auditory tube
11. Microscopic structure of cerebellum

### **Draw a neat labeled diagram**

**(4)**

12. Transverse section through the neck at the level of cricoid (C<sub>6</sub> vertebrae) cartilage

### **Name the following**

**(10x1=10)**

13. Vertebral level of oesophageal opening in the diaphragm
14. What forms posterior wall of rectus sheath below the arcuate line
15. Level of lumbar puncture
16. Two derivatives of first pharyngeal arch cartilage
17. Name two openings in middle meatus of nose
18. Name the nerve passing through superficial inguinal ring
19. Name two cranial nerve nuclei in lower part of pons
20. Two features of lateral wall of nasopharynx
21. Area of supply of Chorda Tympani nerve
22. Components of choroid plexus

\*\*\*\*\*