

# 2019 Scheme

Q.P. Code: 112001

Reg. no.: .....

## First Professional MBBS Degree Regular/Supplementary Examinations November 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 65-year-old man who was Chronic Smoker and Tobacco chewer for past 15 years, came to hospital with ulcerated lesion on the anterior part of the Tongue, which bleeds on touch. He was unable to swallow and foul smell was emitting from his mouth. O/E he had enlarged Submandibular and lower cervical lymph nodes. He was diagnosed with Carcinoma of the Tongue
  - a) Based on anatomical knowledge, what are the external features of Tongue
  - b) Name the muscles of tongue with their nerve supply
  - c) Describe the Blood supply and Lymphatic drainage of Tongue
  - d) Explain the development of tongue(3+4+4+4)
2. Describe the Anal canal under the following Headings
  - a) Extent of the Canal
  - b) Interior features of the Anal canal
  - c) Blood and Nerve supply of the Anal canal
  - d) Anatomical basis of haemorrhoids(2+6+4+3)

#### Short essays

(5x8=40)

3. Describe the supports of uterus
4. Describe the Functional areas and Blood supply of Superolateral surface of Cerebral hemisphere
5. Describe the Gall bladder under the following-
  - a) Location
  - b) Parts
  - c) Applied anatomy
6. Explain the microscopic structure of pituitary gland
7. Boundaries and contents of sub occipital triangle

#### Short answers

(4x4=16)

8. Superficial perineal pouch
9. Microscopic structure of retina
10. Features of nasopharynx
11. What is the anatomical basis of umbilical hernia

#### Draw a neat labeled diagram

(4)

12. Draw a neat labelled diagram of midbrain at the level of Superior Colliculus

#### Name the following

(10x1=10)

13. Nuclei of cerebellum
14. Name two arteries of Coeliac trunk
15. Name two bones derived from 2<sup>nd</sup> Pharyngeal arch
16. Name two cranial nerves at Ponto medullary junction
17. Name the Sinuses opening into the Middle meatus
18. Name two muscles of soft palate
19. Two modifications of spinal piamater
20. Contents of Alcock's canal
21. Name two cartilages of Larynx
22. Two true ligaments of liver

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