

2019 Scheme

Q.P. Code: 112001

Reg. no.:

**First Professional MBBS Degree Regular/Supplementary Examinations
February 2022
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 30 years old female visited to the surgical outpatient department with complaints of pain and swelling in the lower part of front of neck. On examination the swelling moves with deglutition. Based on the history and clinical examination a provisional diagnosis of thyroid swelling was made. With your knowledge in anatomy answer the following questions related to thyroid gland.
 - Reason for thyroid swelling moves with deglutition.
 - Describe the parts, coverings, relations, blood supply and lymphatic drainage of thyroid gland.
 - Microstructure of thyroid gland. (3+9+3)
2. Describe the pancreas under following headings:
 - Situation and parts.
 - Relations.
 - Duct system.
 - Blood supply.
 - Lymphatic drainage.
 - Development. (2+4+2+2+2+3)

Short essays**(5x8=40)**

3. Internal capsule- parts, fibre constituents, arterial supply and applied anatomy.
4. Ischiorectal fossa.
5. Describe embryological basis of nerve supply of tongue.
6. Midgut – Derivatives, Rotation and Associated anomalies
7. Boundaries and contents of posterior triangle of neck

Short answers**(4x4=16)**

8. Lesser sac.
9. Describe anatomical basis of Horner's syndrome.
10. Features in the floor of fourth ventricle.
11. Histology of retina

Draw a neat labeled diagram**(4)**

12. Transverse section of midbrain at the level of superior colliculus.

Name the following**(10x1=10)**

13. Name two dural folds
14. Structures piercing thyrohyoid membrane
15. Formation of carotid sheath.
16. The two processes from which upper lip develops
17. Name two contents of interpeduncular fossa.
18. Brodmann's area for auditory cortex.
19. Name two unpaired laryngeal cartilages.
20. Bony attachments of inguinal ligament.
21. Developmental sources of kidney.
22. Two branches of posterior division of internal iliac artery.
