

2019 Scheme

Q.P. Code: 112001

Reg. no.:

First Professional MBBS Degree Supplementary (SAY) Examinations January 2024 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 with chronic history of cough and constipation complained he noticed a gradually increasing swelling in the right groin and feels a dragging sensation at that site. On examination, it was noticed a globular swelling above the pubic tubercle which increased in size on coughing. The patient was diagnosed to have Inguinal hernia
 - a) Based on the anatomical knowledge, what are the reasons for swellings in the groin region
 - b) What are the boundaries of Inguinal canal
 - c) What are the contents of Inguinal canal
 - d) What are factors which maintain the Integrity of Inguinal canal
 - e) What is Hesselbach's triangle

(2+5+2+3+3)

2. Classify the dural venous sinuses. Describe the cavernous sinus under the following headings-
 - a) Position
 - b) Relations
 - c) Tributaries and communications
 - d) Applied anatomy

(3+1+5+4+2)

(5x8=40)

Short essays

3. Boundaries and contents of carotid triangle
4. Blood supply and lymphatic drainage of stomach
5. Describe the development and congenital anomalies of palate
6. Describe the Sulci, Gyri, functional areas and blood supply on the superolateral surface of cerebrum
7. Explain the microscopic structure of small intestine

(4x4=16)

Short answers

8. Perineal membrane in males
9. Contents of middle ear cavity
10. Microscopic structure of thyroid gland
11. Epiploic foramen

Draw a neat labeled diagram

(4)

12. Draw a neat labelled diagram of anterior relations of right and left kidneys

Name the following

(10x1=10)

13. Structures passing through aortic opening in the diaphragm
14. Four nuclei present in the pons
15. Derivatives of third pharyngeal pouch
16. Components of basal nuclei
17. Nerves supplying digastric muscle
18. What is the anteflexion angle of uterus
19. Two derivatives of diencephalon
20. Four arteries from anterior division of internal iliac artery
21. Nerves supplying lateral rectus and medial rectus
22. Structures passing through the foramen ovale
