

2019 Scheme

Q.P. Code: 111001

Reg. no.:

**First Professional MBBS Degree Supplementary (Say) Examinations
August 2021
Human Anatomy - Paper I**

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 60-year-old lady was brought to the casualty following a history of fall at her residence. On clinical examination, the anatomical orientation of her right lower limb was disturbed. X-ray showed posterior dislocation of her right hip joint. With your anatomical knowledge answer the following questions.
 - Name the nerve which can be injured in this patient.
 - Give the root value of the nerve.
 - Name one clinical procedure that can cause injury to this nerve.
 - Describe the course of this nerve.
 - Name the branches of this nerve and the muscles supplied by those branches.

(1+1+2+5+6)
2. Describe cubital fossa under following headings.
 - Boundaries • Contents • Clinical importance

(7+6+2)

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

3. Describe various modes of inheritance with examples
4. Interior of right atrium
5. Flexor retinaculum of hand and its clinical implications.
6. Stages and consequences of fertilisation
7. Movements at knee joint

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

8. Microscopic structure of spleen
9. Mechanics and types of respiration.
10. Formation and fate of primitive streak.
11. Anatomical basis of ischaemic heart disease.

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

12. Typical intercostal nerve.

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

13. Two sesamoid bones
14. Contents of femoral canal
15. Any two types of bone cells.
16. Two Developmental sources of arch of aorta.
17. Name the muscles supplied by ulnar nerve in the forearm
18. Name the pericardial sinuses
19. Types of neuroglial cells
20. Derivatives of intraembryonic coelom
21. Nerve compressed in Saturday night palsy
22. Two characteristic features of typical thoracic vertebra
