

2019 Scheme

Q.P. Code: 111001

Reg. no.:

First Professional MBBS Degree Supplementary (SAY) Examinations May 2023

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 35-year-old rowdy sheeter involved in a fight received a deep cut in the middle of the back of his right arm. He was bleeding profusely and was rushed to the hospital.
 - a) Which nerve and artery at this site are in danger of injury.
 - b) What is the origin and termination of this artery.
 - c) How will you assess the functional integrity of the nerve in this case.
 - d) Which part of the brachial plexus gives origin to this nerve and which other nerves arise from this part.
 - e) Give the motor distribution and cutaneous branches of this nerve. (2+2+3+4+4)
2. Classify joints. Give the structure of synovial joint with an example. (7+8)

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

3. Intercostal vessels.
4. Popliteal fossa.
5. Describe the technique of karyotyping with its applications.
6. Describe the structure and function of skin with its appendages.
7. Formation and fate of notochord.

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

8. Formation and structure of umbilical cord.
9. Anatomical basis of claw hand.
10. Describe the venous drainage of the heart.
11. Parietal pleura.

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

12. Cross section at middle of leg.

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

13. Floor of anatomical snuff box.
14. Posterior wall of femoral sheath.
15. Two events occurring at sternal angle.
16. Stages in the development of lung.
17. Name the muscles supplied by axillary nerve.
18. Nerve supply of Adductor Magnus Muscle.
19. Stage of meiosis I at which oogenesis is arrested.
20. Where does the left superior intercostal vein terminate into.
21. Name any two types of epiphysis.
22. Types of cells seen in thymus.
