

**First Professional MBBS Degree Supplementary Examinations
January 2020**

Anatomy - Paper I

Time: 3 Hours

Total Marks: 50

- *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 Essay (10)

1. A 45 years old nulliparous woman reported to the OPD with two small palpable nodules in her left axilla. She was admitted, investigated and taken up for mastectomy (left) in the same week. With your knowledge of anatomy answer the following questions:

- What could be the probable diagnosis
- What could be the nodule in the axilla and why
- Describe the blood supply and lymphatic drainage of the breast
- Mention the development and developmental anomalies of the breast

(1+1+5+3)

Short essays (3x5=15)

2. Intra embryonic mesoderm
3. Sciatic nerve
4. Right atrium and its development

Short notes (5x3=15)

5. Karyotyping
6. Great saphenous vein
7. First carpometacarpal joint
8. Transitional epithelium
9. Superior mediastinum

Short answer (3x2=6)

10. Ligamentum patella
11. Decidua
12. Manubrium sterni

Draw diagrams (2x2=4)

13. Typical intercostal space.
14. Transverse section through middle of leg