

**First Professional MBBS Degree Supplementary Examinations****February 2017****ANATOMY- PAPER I****Time: 3 Hours****Total Marks: 50**

- Answer all questions
- Draw diagrams wherever necessary

**Long Essay****(10)**

1. A 50 years old man was brought to medical casualty with complaints of sudden onset of pain in the chest with sweating and increased pulse rate. The chest pain was radiating to inner border of left upper limb. ECG showed evidences of ischemic heart disease. Answer the following questions:

- Mention the origin, course and distribution of the arteries possibly affected in the patient
- Name the veins accompanying the various branches
- Why the pain is radiating to the inner border of left upper limb
- Add a note on the surgical interventions possible

**(5+3+1+1 = 10)****Short essays****(3x5=15)**

2. Axillary artery and distribution
3. Femoral sheath and applied aspects
4. Palmar fascial spaces

**Short notes****(5x3=15)**

5. Medial longitudinal arch of foot
6. Somites
7. Pleural recesses
8. Spermeogenesis
9. Histology of lymph node

**Short answer****(3x2=6)**

10. Barr bodies
11. Saphenous nerve
12. Cells of bone tissue

**Draw diagrams****(2x2=4)**

13. Transverse section through thorax at T<sub>4</sub> vertebra
14. Superficial and deep palmar arches of hand

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