

**First Professional MBBS Degree Examinations - August 2015**

**ANATOMY- PAPER I**

**Time: 3 Hours**

**Total Marks: 50**

- Answer all questions
- Draw diagrams wherever necessary

**Long Essay**

**(10)**

1. A footballer is suffering from sustained injury to his right knee while kicking. His leg got forcefully abducted in a slightly flexed position.
  - Which is the likely meniscus has injured in this case.
  - Why this meniscus is more prone to injury as compared to the other one.
  - Enumerate the other intra capsular structures of the knee joint
  - Briefly describe the process of locking and unlocking at the knee joint (1+2+3+4 = 10)

**Short essays**

**(3x5=15)**

2. Arch of aorta
3. Inversion and eversion
4. Superficial palmar arch

**Short notes**

**(5x3=15)**

5. Development of placenta
6. Microscopic structure of muscular artery
7. Coronary sinus
8. Blood supply of a long bone
9. Structures under gluteus maximus

**Short answer**

**(3x2=6)**

10. Anatomical snuff box
11. Down's syndrome
12. Branches of axillary artery

**Draw diagrams**

**(2x2=4)**

13. Showing visceral relations of mediastinal surface of right lung
14. Brachial plexus- formation and branches

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