

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
