

**Q.P. Code: 101001**

**Reg. no.: .....**

**First Professional MBBS Degree Examinations July 2017**

**ANATOMY- PAPER I**

**Time: 3 Hours**

**Total Marks: 50**

- Answer all questions
- Draw diagrams wherever necessary

**Long Essay**

**(10)**

1. Assisted delivery was required during the birth of a baby at term. The maneuver involved an unusually wide stretching at the neck shoulder angle. The neonate on examination by a neurologist showed upper brachial plexus injury. Answer the following based on your anatomical knowledge:

- describe the formation and branches of the brachial plexus
- explain the anatomical basis of the above lesion. **(7+3)**

**Short essays**

**(3x5=15)**

2. Broncho pulmonary segments
3. Boundaries and contents of adductor canal
4. Down syndrome

**Short notes**

**(5x3=15)**

5. Sarcomere
6. Rotator cuff muscles of the shoulder joint
7. Neural crest
8. Pericardial sinuses
9. Tibial collateral ligament

**Short answer**

**(3x2=6)**

10. Head of femur
11. Tributaries of the azygos vein
12. Fibrous joints

**Draw diagrams**

**(2x2=4)**

13. Typical spinal nerve
14. Longitudinal arches of the foot.

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