



QP Code: 1101

Reg. no.:

First Professional MBBS Degree Examination, September 2011

ANATOMY- PAPER I

Time: 3 Hours

Total Marks: 50

- Answer all questions
- Draw diagrams wherever necessary

Long Essay

(10)

1. A 12-year-old boy following an inadvertent intramuscular injection in the gluteal region developed certain neurological deficits including difficulty to dorsiflex the foot. With your knowledge of Anatomy answer the following questions:
 - Mention briefly the structures under cover of gluteus maximus.
 - Name the structure which is affected in this case. Give its origin, course and distribution in thigh.
 - Give the cutaneous innervations of lower limb below knee.
 - Name the muscles responsible for dorsiflexion and eversion of the foot. (2+4+2+2 = 10)

Write briefly on:

(3x5=15)

2. Coronary arteries
3. Rotator cuff of shoulder joint
4. Thoracic part of oesophagus

Write notes on:

(5x3=15)

5. Implantation
6. Medial collateral ligament of the knee joint
7. Connective tissue fibres
8. Lymphatic drainage of the breast
9. Posterior interosseous nerve

Write short answers on:

(3x2=6)

10. Spermiogenesis
11. Turner's syndrome
12. Microscopic structure of the hyaline cartilage

Draw neat labeled diagrams of the following:

(2x2=4)

13. Transverse section at the level of the sternal angle
14. Palmar arterial arches.

