

First Professional MBBS Degree Examinations August 2019

Anatomy - Paper I

Time: 3 Hours

Total Marks: 50

- Answer all questions
- Draw diagrams wherever necessary

Long Essay

(10)

1. A 40 years old shopkeeper whose job requires standing up to 15 hours per day developed abnormally swollen (Varicose) veins in left leg leading to non-healing ulcers above left medial malleolus. The condition was diagnosed by a surgeon as dilated and incompetentreat saphenous vein and the associated incompetent perforators". Based on your basic knowledge of anatomy answer the following questions

- Describe the course and relations of great saphenous vein
- Name the tributaries of great saphenous vein
- What are perforating veins and what is its function.
- Describe the various perforating veins in lower limb.
- Name the tests performed for observing competence of superficial veins

(3+1+2+2+2)

Short essays

(3x5=15)

2. Typical inter costal space – boundaries, extent, contents, applied anatomy
3. Lymphatic drainage of mammary gland
4. Ulnar nerve in hand

Short notes

(5x3=15)

5. Microscopic structure of skeletal muscle
6. Development of inter atrial septum
7. Yolk sac
8. Coronary sinus
9. Chromosomal aberrations

Short answer

(3x2=6)

10. Graafian follicle
11. End arteries
12. Dorsalis pedis artery

Draw diagrams

(2x2=4)

13. Femoral triangle
14. Oblique section through hand to show fascial spaces
