

Q.P. Code: 101001

Reg. no.:

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 incompetent great 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
