

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[BHMS 0222]**

**FEBRUARY 2022  
(DECEMBER 2020 EXAM SESSION)**

**Sub. Code: 1503**

**B.H.M.S. DEGREE EXAMINATION  
FIRST YEAR (New Regulations – from 2015-2016 batch onwards)  
PAPER III – ANATOMY - II  
Q.P. Code : 581503**

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Essay Questions: (2 x 15 = 30)**

1. Describe the extent, boundaries, contents and applied anatomy of Inguinal canal.
2. Describe the external and Internal features of Right atrium.

**II. Write Notes on: (10 x 5 = 50)**

1. Write the origin, insertion, nerve supply and special features of External oblique abdominis.
2. What are the structures forming extra hepatic biliary apparatus and describe each?
3. Describe the second part of Duodenum and give its relations and applied anatomy.
4. Describe the formation, supply and clinical importance of Marginal artery.
5. Describe the boundaries, contents and applied anatomy of Popliteal Fossa.
6. Write the origin, insertion, nerve supply and action of Sartorius muscle.
7. Describe the origin, course and relations, tributaries and clinical anatomy of Superior venacava.
8. Write the origin, course & relations, termination of Thoracic duct.
9. Define Inversion and Eversion of foot. Mention the joints & muscles involved in the movements.
10. Describe the attachments & importance of Guy ropes.

**III. Short Answers on: (10 x 2 = 20)**

1. What is Caput Medusa, in which clinical condition does it occur?
2. Name the muscles in the Extensor compartment of thigh.
3. Name the Tarsal bones.
4. What are the veins draining the Heart?
5. What are the recesses of pleura and their functional importance?
6. Histology of Trachea.
7. What are the structures in the Hilum of right lung?
8. What is peripheral heart and why?
9. Name the ligaments of Knee joint.
10. What are the branches of posterior division of Internal Iliac artery?