



**FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE.**

Second Examination for Medical Degrees - July/August 2003

**ANATOMY - PAPER II**

Wednesday 30<sup>th</sup> July, 2003

2.00 pm to 5.00 pm  
(3 hours)

*Answer All Five Questions.*

*Use diagrams where possible.*

*Answer each question in a separate book*

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1. 1.1 Describe the corticospinal tracts using a diagram (70 marks)  
1.2 State the anatomical basis of syringomyelia. (30 marks)
  
2. Describe the following aspects of the normal non pregnant adult female breast.
  - 2.1 The structure of the anterior chest wall which holds the base of the breast. (30 marks)
  - 2.2 Its microscopic anatomy and blood supply (30 marks)
  - 2.3 The lymphatic drainage using a diagram and its clinical importance. (20 marks)
  - 2.4 The development. (20 marks)
  
3. State the anatomical basis for the procedures you would adopt in
  - 3.1 differentiating between herniae in the inguinal region (40 marks)
  - 3.2 catheterising the urinary bladder in the male (30 marks)
  - 3.3 making a paramedian incision to expose the abdominal cavity (30 marks)
  
4. 4.1 Explain the anatomical basis of orbital haematoma in head injury. (20 marks)  
4.2 Describe the ossification of the bones of the vault of the skull. (40 marks)  
4.3 Describe the development and fate of the second pharyngeal arch. (40 marks)
  
5. Write short notes
  - 5.1 The changes occurring in the vascular system at birth. (25 marks)
  - 5.2 Microscopic appearance of heart muscle. (25 marks)
  - 5.3 Carpal Tunnel Syndrome. (25 marks)
  - 5.4 Origin, insertion, innervation and action of the trapezius muscle. (25 marks)