



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE.
Second Examination for Medical Degrees - December/January 2004
ANATOMY - PAPER II

Friday 2nd January, 2004



2.00 pm to 5.00 pm
(3 hours)

Answer All Five Questions.

Use diagrams where possible.

Answer each question in a separate book

1. 1.1 Write an account of the ventricular system of the brain. (25 marks)
 - 1.2 Describe the embryological development of this system. (25 marks)
 - 1.3 Describe the anatomical basis for the occurrence of increased intracranial pressure and development of hydrocephalus. (25 marks)
 - 1.4 Describe briefly, the anatomical basis in making a clinical diagnosis of raised Intracranial pressure. (25 marks)
- Describe the
- 2.1 nerve supply of the pleura. (40 marks)
 - 2.2 embryological formation of pleural cavities. (60 marks)
3. 3.1 Describe the sutures and fontanelles of the skull and their clinical importance. (35 marks)
 - 3.2 List the muscles of the pharynx and their innervation. (15 marks)
 - 3.3 List the derivatives of the first pharyngeal arch. (15 marks)
 - 3.4 Write an account of the olfactory epithelium. (35 marks)
4. Write short notes on the
 - 4.1 Anatomy of the bile duct. (35 marks)
 - 4.2 Blood supply of the large intestine. (35 marks)
 - 4.3 Histological appearance of the adult prostate gland. (30 marks)

A 26 year old man fell on his outstretched hand while attempting to climb a tree. On admission to hospital he was diagnosed as having a transection of his spinal cord at L1-L2 level.

- 5.1 List the injuries the man could have sustained in his upper limb. (20 marks)
- 5.2 Describe the innervation of the urinary bladder. (40 marks)
- 5.3 Discuss the consequent disturbances in micturition the man could develop. (40 marks)