



**FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE**  
**Second Examination for Medical Degrees – November/December 2005**

**ANATOMY – PAPER II**

**Thursday 1<sup>st</sup> December 2005**

**2.00 p.m. – 5.00p.m. (3 hours)**

**Answer all FIVE Questions**  
**Answer Each Question in a Separate Book**  
**Use Diagrams where possible**

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01. 1.1 Trace the pathway of pain from a pin prick of the right middle finger, using only a diagram. (30 marks)
- 1.2 Describe the clinical importance of the blood supply to the internal capsule. (40 marks)
- 1.3 Describe briefly the development of the  
1.3.1 ventricular system of the brain. (15 marks)  
1.3.2 pituitary gland. (15 marks)
02. Describe the tongue under the following headings.
- 2.1 Development. (25 marks)
- 2.2 Innervation. (25 marks)
- 2.3 Blood supply. (25 marks)
- 2.4 Papillae. (25 marks)
03. Describe the
- 3.1 boundaries, contents and the clinical importance of the “anatomical snuff box”. (30 marks)
- 3.2 microscopic appearance of the epiphyseal growth plate. (30 marks)
- 3.3 fate of the sinus venosus. (40 marks)
04. Describe briefly
- 4.1 how a surgeon would reach the caecum through the anterior abdominal wall and how it would be identified. (25 marks)
- 4.2 the lymphatic drainage of the foregut viscera. (25 marks)
- 4.3 the venous drainage of the stomach. (25 marks)
- 4.4 the development of the pancreas. (25 marks)
05. Write short notes on
- 5.1 internal pelvic assessment. (25 marks)
- 5.2 the anatomical basis for pudendal nerve block. (25 marks)
- 5.3 the superficial perineal pouch. (25 marks)
- 5.4 the gross anatomy of the male urethra. (25 marks)

