



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE.

Final Examination for Medical Degrees – April 2006

SURGERY - PAPER I

Tuesday 25th April, 2006

**1.00 Pm - 4.00 Pm
(3 hours)**

Answer ALL FIVE Questions.

Answer Each Part in a SEPARATE Answer Book.

Part A

- 1.1 List the clinical features of a major anaphylactic reaction. (30 marks)
- 1.2 Explain the patho-physiology of anaphylaxis. (30 marks)
- 1.3 Describe the management of a thirty year old man developing anaphylactic shock following an intravenous injection of penicillin. (40 marks)

Part B

- 2.1 A forty year old man presents to a general practitioner with a painful tender indurated perianal swelling and fever of three days duration
 - 2.1.1 State the most likely diagnosis. (10 marks)
 - 2.1.2 Describe the pathogenesis of the condition mentioned under 2.1.1. (30 marks)
- 2.2 This man refuses treatment suggested by the general practitioner and presents three months later with a discharging perianal sinus at the same site.
 - 2.2.1 What is the most likely diagnosis of the scenario mentioned above? (20 marks)
 - 2.2.2 How should his condition have been treated when he first presented to the general practitioner? (10 marks)
 - 2.2.3 Outline the principles of treating the current condition (30 marks)

Part C

- 3. A fifty year old man presents with haematuria and dysuria of one weeks duration.
 - 3.1 List the three most likely conditions that could give rise to this clinical picture. (15 marks)
 - 3.2 Outline how physical signs will help arriving at a diagnosis in this man. (25 marks)
 - 3.3 List the investigations you would perform in this patient indicating the reasons for performing each investigation. (40 marks)
 - 3.4 Outline the treatment of one of the three conditions mentioned in 3.1 (20 marks)

Part D

4. A fifty year old man presents with visible swelling of the epigastrium and vomiting after meals of one month duration. The swelling in the epigastrium disappears after vomiting. Vomitus was never bile stained.

4.1 What is the most likely diagnosis? (20 marks)

4.2 List the other physical signs that you would expect in this man. (20 marks)

4.3 List the investigations you would perform in this man giving reasons for performing each investigation. (20 marks)

4.4 Outline the measures to improve this man's general condition. (20 marks)

4.5 Outline the treatment of this patient. (20 marks)

Part E

5. Write short notes on

5.1 thyroglossal cyst (20 marks)

5.2 haemorrhagic shock (20 marks)

5.3 supracondylar fracture of the humerus. (20 marks)

5.4 pelvic abscess. (20 marks)

5.5 intestinal obstruction due to adhesions. (20 marks)