



**FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE.**  
**Final Examination for Medical Degrees – December 2010**  
**SURGERY - PAPER I**

18

Thursday 9<sup>th</sup> December, 2010

1.00 pm to 04.00 pm  
(3 hours)

Answer ALL FIVE Questions.  
Answer Each Part in a SEPARATE Answer Book.

**Part A**

1. A 76 year old woman presents with progressive dysphagia of 4 months duration
- 1.1 state the most likely diagnosis. (10 marks)
  - 1.2. classify and list the investigations necessary to manage this patient. (50 marks)
  - 1.3. list the options available for treating this patient (20 marks)
  - 1.4. list the predisposing factors of the condition stated in 1.1. (20 marks)

**Part B**

2. A 50 year old male undergoes colonoscopic biopsy of a rectosigmoid lesion. 12 hours later he complains of severe abdominal pain and vomiting.  
Examination revealed a heart rate of 102/min, blood pressure of 100/70 and a generalize abdominal tenderness.  
Discribe the management of this patient. (100 marks)

**Part C**

- 3.
- 3.1. Define the following terms
    - 3.1.1. triage (5 marks)
    - 3.1.2. golden hour (5 marks)
    - 3.1.3. primary survey (5 marks)
    - 3.1.4. secondary survey (5 marks)
  - 3.2. A 30 year old male is admitted to the surgical casualty ward following a fall from a tree. He is conscious, has a respiratory rate of 28/min, diminished air entry to the right hemithorax, pulse rate of 100/min, blood pressure of 90/60 and a distended abdomen. He also has weakness and diminished sensation of all four limbs.  
Discuss the management of this patient. (80 marks)

**Part D**

4. A 45 year old female undergoes left thyroid lobectomy. She was clinically euthyroid pre operatively. She was transfused two units of blood intra operatively. 2 hours after the operation she was transferred to the post operative ward.  
She was found to have a persistent blood pressure of 170/110 mmHg.
- 4.1. list the possible reasons for her persistently elevated blood pressure. (20 marks)
  - 4.2. list the other clinical features you would look for in order to arrive at a diagnosis. (30 marks)
  - 4.3. discuss briefly the management of this patient. (50 marks)

**Part E**

5. A 16 year old boy is admitted to the surgical casualty ward with an acutely painful right hemi scrotum.
- 5.1. what is the diferential diagnosis? (20 marks)
  - 5.2. how would you arrive at a diagnosis. (60 marks)
  - 5.3. discribe the treatment of one of the conditions listed in 5.1. (20 marks)