



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE
Final Examination for Medical Degrees – May 2014
SURGERY - PAPER I

Thursday 8th May 2014

3 hours (1.00 p.m. to 4.00 p.m.)

Answer ALL FIVE Questions.

Answer each part in a SEPARATE answer book.

Part A

1. A 40-year-old male who works in a rubber estate complains of gradual onset of difficulty in swallowing, nocturnal cough, weight loss and occasional passage of dark stools. He also had symptoms suggestive of gastro oesophageal reflux disease (GORD) in the past.
- 1.1 List **ten** other points in the history which you will inquire in to in order to arrive at a diagnosis. (20 marks)
- 1.2 List **five** differential diagnoses. (20 marks)
- 1.3 Discuss the investigations which should be carried out in this patient for the purposes of diagnosis and management. (60 marks)

Part B

Write short notes on

- 2.1 indications for upper gastro intestinal endoscopy. (25 marks)
- 2.2 the principles of management of hand infections. (25 marks)
- 2.3 obtaining consent for a total thyroidectomy. (25 marks)
- 2.4 the tripple assessment of a breast lump (25 marks)

Part C

- 3.
- 3.1 Outline the distribution of diverticular disease across parts of the colon indicating the approximate percentages. (20 marks)
- 3.2 What are the clinical features of diverticular disease? List **five** of them (15 marks)
- 3.3 List the complications of diverticular disease. (30 marks)
- 3.4 State indications for surgical intervention in diverticular disease. (I) Elective (20 marks)
(II) Emergency (15 marks)

Part D

4. A 36-year-old male was admitted to the casualty ward with a history of Road Traffic Accident. He had tenderness and bruising over his left lower lateral chest. His blood pressure was 90/60 mm/Hg. Pulse rate was 110 beats per minute, breath sounds were equal bilaterally and oxygen saturation was 99%.
- 4.1 What is the most likely diagnosis? (30 marks)
- 4.2 Discuss the management of this patient. (70 marks)

Part E

5. A 45-year-old female underwent a thyroidectomy and was transferred to the post surgical ward an hour later. Surgery and anaesthesia were uncomplicated. Pre-operatively, she was on antithyroid medications.

Few minutes after the transfer, you noticed that she is restless, has a heart rate of 120 beats per minute and blood pressure of 180/110 mmHg.

- 5.1 Briefly describe **five** clinical features you would look for in order to arrive at a diagnosis. (30 marks)
- 5.2 Mention **four** possible reasons for her clinical condition. (30 marks)
- 5.4 How would you manage her? (40 marks)