



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE
Final Examination for Medical Degrees – May 2017
SURGERY - PAPER I

Friday 05th May 2017

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. Write short notes on;

1.1 Role of Mammography in Breast Cancer.

(40 marks)

1.2 Management of a breast abscess in a lactating mother.

(30 marks)

1.3 Presentation of Cystosarcoma Phylloides.

(30 marks)

Part B

2. A 48-year-old female underwent a total thyroidectomy for malignancy. Four hours after surgery she developed difficulty in breathing. Her pulse rate was 102 beats per minute, blood pressure was 120/80 mmHg and respiratory rate was 18 cycles per minute.

Describe the management of this patient.

(100 marks)

Part C

3. A 70-year-old man presents with dysuria, frequency, nocturia and lower abdominal pain of five days duration. He also has had fever for last two days. The patient has been experiencing deterioration in urine flow over last 12 months.

Describe the management of this patient.

(100 marks)

Part D

4. A 50-year-old patient has come for the pre-anaesthetic assessment clinic. He is a known patient with ischemic heart disease and hypertension which are currently controlled on mononitrates, aspirin, atorvastatin and losartan. The patient is scheduled for a right inguinal hernia repair two months later.
- 4.1 Discuss briefly the consequences of hypertension and ischaemic heart disease on anaesthesia and surgery. (15 marks)
- 4.2 Write **five (05)** clinical features you would specifically look for, during your pre-anaesthetic assessment, giving reasons. (20 marks)
- 4.3 State **five (05)** investigations you would request giving reasons. (20 marks)
- 4.4 Mention **five (05)** pre-operative (anaesthetic) instructions you would write on his clinic book to be followed pre-operatively. (20 marks)
- 4.5 Outline post-operative instructions related to anaesthesia and comorbidities of this patient. (25 marks)

Part E

- 5.
- 5.1 Name **three (03)** clinical features of a fracture of a single rib at a single site. (12 marks)
- 5.2 Give **four (04)** recognized complications of a fracture involving a rib. (20 marks)
- 5.3 Indicate the treatment of an uncomplicated fracture of a single rib. (12 marks)
- 5.4 Define "Flail chest". (12 marks)
- 5.5 Enumerate the key steps of treating a "flail chest". (24 marks)
- 5.6 List **five (05)** indications for the insertion of an intercostal tube. (20 marks)