



**FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE**  
**Final Examination for Medical Degrees – May 2016**  
**SURGERY - PAPER I**

Thursday 05<sup>th</sup> May 2016

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

Answer **ALL FIVE** Questions.

Answer each part in a **SEPARATE** answer book.

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**Part A**

1. A 30 year-old man who presented with left sided ureteric colic develops fever with chills immediately after admission. Discuss the management of this patient. (100 marks)

**Part B**

2. A 58 year-old man is transferred from a medical ward with a history of having investigated for iron deficiency anemia. Colonoscopy has revealed an ulcerative growth in the caecum, the biopsy of which has turned out to be an adenocarcinoma. CT scan of the abdomen showed that the malignancy has not breached the bowel wall. Discuss the management of this patient. (100 marks)

**Part C**

3. Write short notes on the following;
- 3.1 Assessment of a 25 year-old, female presenting with a breast lump noticed two weeks ago. (30 marks)
- 3.2 Management of a 50 year-old female with a long standing multi-nodular goiter presenting with finger tremors and palpitations for two months. (40 marks)
- 3.3 Complications of total thyroidectomy. (30 marks)

**Part D**

4. A 50 year-old female is scheduled for right mastectomy and axillary clearance. She is known to have hypertension and bronchial asthma. She is currently on nifedepine 20mg mane and beclomethasone inhaler daily.
- 4.1 Write **six (06) clinical features (03 symptoms and 03 clinical signs)** you would look for, in order to optimize her pre-operatively, giving reasons. (30 marks)
- 4.2 Write **five (05) basic investigations** you would request giving reasons. (20 marks)
- 4.3 Write **three (03) pre-operative instructions** to be completed before sending her to the operating theatre. (15 marks)
- 4.4 Outline your post-operative instructions for the **first 24 hours**. (35 marks)

**Part E**

5. A 35 year-old pedestrian is knocked down by a car while crossing the road. ATLS assessment at accident site and in the emergency department revealed a closed fracture of the right femur. There were no other injuries.

5.1 Explain why the effects of fracture of the femur differ from fractures of other long bones. (20 marks)

5.2 List **five (05)** advantages of early splinting of above fracture. (30 marks)

5.3 Outline the further management of this patient. (50 marks)