



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

Thursday 20<sup>th</sup> November 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 60- year old male who is on Non Steroidal Anti Inflammatory Drugs (NSAID) for osteoarthritis presents with sudden onset severe pain in the epigastrium. On examination his pulse rate is 120/min. His abdomen is tense and tender.
- 1.1 What is the most likely diagnosis? (30 marks)  
1.2 What investigations would you order to confirm your diagnosis? (20 marks)  
1.3 How would you manage the condition mentioned in 1.1 ? (50 marks)

**Part B**

- 2.
- 2.1 Define "Intermittent claudication". (15 marks)  
2.2 Name two (02) main types of arteriogenic intermittent claudication. (10 marks)  
2.3 Compare and contrast the above two (02) diseases, according to the age, gender, aetiology and the pattern of involvement. (35 marks)  
2.4 Briefly discuss the treatment of arteriogenic intermittent claudication giving examples. (40 marks)

**Part C**

3. A 53 year old male, who was endoscopically diagnosed to have an ulcerative tumour in the mid rectum, presented to the surgical casualty with a history of profuse per rectal bleeding.
- Describe the management of this patient in the first 72 hours. (100 marks)

**Part D**

4. A 60- year old male is scheduled to undergo exploratory laparotomy for excision of a bowel tumour. His body weight is 50kg.
- He has diabetes mellitus and hypertension which are under control. He is currently on metformin 500 mg tds, gliclazide 40 mg daily and losartan 25mg bd.
- 4.1 Describe briefly with reasons, how you would investigate to optimize him prior to surgery. (40marks)  
4.2 What pre-operative instructions you would write today, if he is scheduled for surgery tomorrow morning? (30 marks)  
4.3 Write the fluid regime for him for the first post-operative 24 hours. (10 marks)  
4.4 Write the pain relief regime for him for the first post-operative 24 hours. (20 marks)

**Part E**

5. Write short notes on
- 5.1 ruptured urethra. (20 marks)  
5.2 intraperitoneal perforation of bladder. (20 marks)  
5.3 pyonephrosis. (20 marks)  
5.4 complications of Trans Urethral Resection of Prostate (TURP). (20 marks)  
5.5 prostatic abscess. (20 marks)