



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE.
Final Examination for Medical Degrees – November 2007
SURGERY - PAPER I

Friday 9th November. 2007

9.00am to 12.00 noon
(3 hours)

Answer ALL FIVE Questions.

Answer Each Part in a SEPARATE Answer Book.

PART A

1. List the appropriate options available for treatment of the following
 - 1.1 An 85 year old man who has suffered a myocardial infarction one month ago presenting with acute retention of urine. (20 marks)
 - 1.2 A 25 year old soldier with a past history of gonorrhoea presenting with acute retention of urine. (20 marks)
 - 1.3 A 60 year old retired lady teacher presenting with chronic urinary retention. On cystoscopy no stricture could be found. (20 marks)
 - 1.4 A 40 year old healthy man presenting with a stone 3 cm in diameter in the left renal pelvis. (20 marks)
 - 1.5 A 50 year old labourer presenting with a stone 1.5 cm in diameter in the bladder. (20 marks)

PART B

2.
 - 2.1 List the signs and symptoms of a major anaphylactic reaction. (30 marks)
 - 2.2 Explain the mechanism by which these signs and symptoms are caused. (30 marks)
 - 2.3 Describe the management of a patient who develops such a reaction following intravenous administration of an antibiotic. (40 marks)

PART C

3. A 65 year old man presents with loss of weight, loss of appetite and upper abdominal discomfort of 3 months duration. On examination he has an intrabdominal epigastric lump with transmitted pulsations.
 - 3.1 List two likely causes for the above clinical scenario. (30 marks)
 - 3.2 List four investigations which will be most informative in arriving at a diagnosis. (30 marks)
 - 3.3 What is the most informative and non invasive investigation mentioned in 3.2? (10 marks)
 - 3.4 List the information that could be gathered from the investigation mentioned in 3.3 (30 marks)

PART D

4.
 - 4.1 List the parameters monitored in a patient in first 24 hour following a 2 stage oesophagectomy. (20 marks)
 - 4.2 List the pathological changes seen at laparotomy in a patient with advanced carcinoma of the rectum. (20 marks)
 - 4.3 List the indications for tracheostomy. (20 marks)
 - 4.4 List the measures you would adopt in managing a 30 year old man in severe respiratory distress fighting for breath with noisy breathing 3 days after a tracheostomy. A chest radiograph done same morning has ruled out any significant lung or chest wall lesions. (20 marks)
 - 4.5 List the complications of central venous catheter. (20 marks)

PART E

5. A 60 year old man presents with a history of anorexia, loss of weight for 3 months and vomiting after meals of 3 weeks duration. He has had 2 episodes of haematemesis.
 - 5.1 What is the most likely diagnosis? (30 marks)
 - 5.2 Outline how you would confirm the diagnosis. (10 marks)
 - 5.3 List the other physical signs you would look for in this man. (30 marks)
 - 5.4 Outline the management of this patient (30 marks)