



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE.
Final Examination for Medical Degrees – April 2011
SURGERY - PAPER I

Thursday 7th April, 2011

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

Answer ALL FIVE Questions.
Answer Each Part in a SEPARATE Answer Book.

Part A

- 1.
- 1.1 Define the term varicose veins. (25 marks)
 - 1.2 List the aetiological factors for varicose veins. (25 marks)
 - 1.3 List the complications of varicose veins of the lower limb. (25 marks)
 - 1.4 Enumerate the treatment options for varicose veins of the lower limb. (25 marks)

Part B

2. Describe the uses of endoscopy in surgical practice. (100marks)

Part C

3. Outline the management of following patients within the first 72 hours of injury.
- 3.1 A 25 year-old female with a body weight of 60kg having 20% burns involving trunk and lower limbs. (40 marks)
 - 3.2 A 30 year-old man with compound fractures of right tibia and fibula. (30 marks)
 - 3.3 A 40 year-old man with a fracture of 7th cervical vertebra as a result of a fall from upstairs. (30 marks)

Part D

4. A 53 year-old man complains of difficulty in breathing 5 minutes after injection of anti rabies serum. On examination his respiratory rate is 36/min, heart rate is 115/min and blood pressure is 65/40 mmHg. He is a known patient with ischemic heart disease and Type 2 diabetes mellitus.
- 4.1 What is the most likely diagnosis? (10 marks)
 - 4.2 Write 3 other differential diagnoses. (15 marks)
 - 4.3 Write 5 other clinical features that you would look for in order to confirm your most likely diagnosis. (15 marks)
 - 4.4 Outline the management of this patient during first 10 minutes. (30 marks)
 - 4.5 Briefly discuss the subsequent management of this patient. (30 marks)

Part E

5. Write short notes on
- 5.1 the management of intussusception in a 7 month old baby. (35 marks)
 - 5.2 the management of appendicular mass in a 40 year-old male. (35 marks)
 - 5.3 complications of gallstones. (30 marks)