



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

Tuesday 27th March, 2007

1.00 pm to 04.00 pm
(3 hours)

Answer ALL FIVE Questions.

Answer Each Part in a SEPARATE Answer Book.

Part A

1. Outline the management of following patients.

- 1.1 A 50 year old man presenting with haematuria for 3 weeks. (25 marks)
1.2 A 25 year old man presenting with suspected right sided ureteric colic. (25 marks)
1.3 A 42 year old woman presenting with clinical evidence of left sided pyonephrosis. (25 marks)
1.4 A 23 year old newly married woman presenting with lower abdominal pain, dysuria and haematuria for 3 days. (25 marks)

Part B

2. A 40 year old alcoholic presents with severe upper abdominal pain and vomiting for 4 hours. Pain was of sudden onset and was radiating to the back. Pulse rate was 100 per minute and the blood pressure was normal. Abdomen was mildly distended and was tender mainly in the upper half. Bowel sounds were sluggish. Plain x-ray of the abdomen was normal.

- 2.1 List the likely causes (25 marks)
2.2 How would you confirm the diagnosis? (25 marks)
2.3 Outline the management of the clinical scenario mentioned in the stem. (25 marks)

Two weeks later he develops a nontender rounded epigastric mass.

2.4 What is the most likely diagnosis of the latest clinical picture? (25 marks)

Part C

3. A well controlled diabetic patient is admitted for a total gastrectomy.

- 3.1 Describe the added risks he has to endure because of his diabetic condition (40 marks).
3.2 Describe how you would prepare him for the operation (30 marks).
3.3 Outline how you would manage his diabetic status after surgery (30 marks).

Part D

4. Write short notes on

- 4.1 Supracondlar fracture of the humerus. (25 marks)
4.2 Osteoarthritis of the knee. (25 marks)
4.3 Acute osteomyelitis (25 marks)
4.4 Compound fracture of tibia. (25 marks)

Part E

5. A 25 year old motorcyclist is admitted half an hour after a road traffic accident. He complains of severe headache and vomits several times. He is unable to recall the incident. He is drowsy, well oriented, obeys commands and opens eyes on demand. He has no other major injuries and is haemodynamically stable.

- 5.1 What is the GCS of this patient? (10 marks)
5.2 Outline the initial management of this patient. (20 marks)

Three hours later he was found to be restless, disoriented in place and person. He fails to open eyes for pain and responds to pain by flexing the left upper limb. His right upper limb was found to be weak.

- 5.3 What is the latest GCS of this patient? (10 marks)