



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE

Final Examination for Medical Degrees – May 2018

SURGERY - PAPER I

Thursday 24th May 2018

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 30-year-old old man is admitted to Accident & Emergency ward following a penetrating firearm injury across the right lower chest in the anterior to posterior direction.
- He has a respiratory rate of 34/min, pulse rate of 130/min and Systolic Blood Pressure of 85/55 mm/Hg.
- 1.1 Identify **five (05)** possible injuries in above patient. (25 marks)
- 1.2 Name **two (02)** important imaging investigations which can be done in Accident & Emergency (10 marks)
- 1.3 Briefly outline the management of injuries mentioned in 1.1. (50 marks)
- 1.4 List **three (03)** important factors which are useful in determination of the mechanism of injury. (15 marks)

Part B

- 2 Write short notes on;
- 2.1 Urethral stricture. (25 marks)
- 2.2 Ureteric colic. (25 marks)
- 2.3 Torsion of testis (25 marks)
- 2.4 Phimosis. (25 marks)

Part C

3. A 60-year-old previously healthy male patient was admitted to post-surgical ward from the operating theatre following exploratory laparotomy for removal of a colonic tumour. He is complaining of severe pain at the operation site.
- 3.1 Briefly describe **two (02)** methods you would use to assess and grade his pain status. (20 marks)
- 3.2 Write **two (02)** different categories of pharmacological agents, that could be used in relieving his pain mentioning the dose and route of administration. (30 marks)
- 3.3 Outline **five (05)** common side effects of **one** of the above mentioned drugs. (20 marks)
- 3.4 Write **one (01)** other method that could be used in relieving his pain. (06 marks)
- 3.5 Briefly explain **three (03)** possible complications that could occur due to the persistent post-surgical pain. (24 marks)

Part D

4. Describe the uses of endoscopy in surgical practice.

(100 marks)

Part E

5. Write short notes on;

5.1 Triple assessment of a breast lump.

(25 marks)

5.2 Appendicular mass.

(25 marks)

5.3 Charcot's triad in acute cholangitis.

(25 marks)

5.4 Intussusception

(25 marks)