



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE  
Final Examination for Medical Degrees – NOVEMBER 2020  
SURGERY - PAPER I

Thursday 19<sup>th</sup> November 2020

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. Write short notes on,

- 1.1 breast biopsy. (25 r)
- 1.2 duct papilloma of breast. (25 r)
- 1.3 ductal carcinoma in situ (DCIS). (25 r)
- 1.4 screening for carcinoma of breast. (25 r)

Part B

2.

- 2.1. Define 'secondary survey' in Advanced Trauma Life Support (ATLS) protocol. (20 r)
- 2.2 Outline the steps in secondary survey in a 30-year-old man with multiple injuries. (40 r)
- 2.3 Secondary survey of the patient mentioned in 2.2 revealed a fracture involving right scaphoid. Outline its further management. (40 r)

Part C

3.

- 3.1 Name FIVE (05) types of flexible endoscopes. (20 r)
- 3.2 State FOUR (04) different uses of endoscopy giving an example for each. (20 r)
- 3.3 List THREE (03) medications used when performing an endoscopy. (20 r)
- 3.4 Outline the initial management of a patient who sustained a bowel perforation during colonoscopy. (40 r)

Part D

4. A 40-year old patient with ischemic heart disease and bronchial asthma underwent an exploratory laparotomy. He is found to have peritonitis secondary to ruptured appendix.

On the 3<sup>rd</sup> post-operative day he is found to have a respirator rate of 24/minute, pulse rate of 120/ minute and a blood pressure of 80/50 mmHg.

- 4.1 Enumerate **THREE (03)** differential diagnoses for the above post-operative presentation. (15)
- 4.2 Describe briefly **TWO (02)** clinical features for each of the above diagnoses which will help to differentiate them. (30)
- 4.3 List **FOUR (04)** investigations with expected findings needed to arrive at a diagnosis. (20)
- 4.4 Briefly describe further management of this patient. (35)

Part E

5. A 75-year old man presents with frequency, suprapubic pain and burning sensation on passing urine for 3 days. Microscopic examination of urine shows a field full of pus cells. He claims of poor stream and hesitancy for 2 years.

Describe the management of this patient. (100)