



FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF RUHUNA
Department of Medical Laboratory Science
Sixth End Semester Examination – December 2025 – 2020/2021 batch
MLS 3231 Cytopathology and Cytotechnology – Theory II (SEQ)

Date: 11th December 2025

Time: 9.00 a.m. – 9.30 a. m.

Duration: 30 minutes

Index Number:

Answer all questions.

1.

Part A

- 1.1 What is cytopathology? (10 marks)
- 1.2 Give five examples for cytological specimens. (05 marks)
- 1.3 What macroscopic features should be examined in a cytological specimen received to the laboratory? (05 marks)
- 1.4 State three fixation methods used for cytological specimens and briefly describe those methods. (30 marks)

Part B

- 1.5 State the two types of pleural effusions and give two reasons for the formation of each type. (10 marks)
- 1.6 State the differences of cells in the two types of pleural effusions mentioned for 1.5. (10 marks)
- 1.7 Briefly explain the preventive measures practiced in cytology laboratories to avoid errors during body fluid smear preparation. (30 marks)