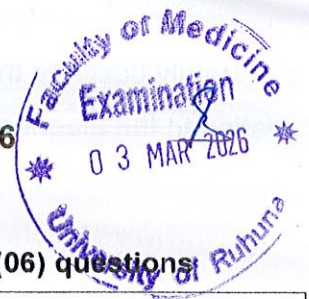




Faculty of Medicine - University of Ruhuna

Third Examination for Medical Degrees (Part II) – March 2026
Pathology Paper I



Tuesday 3rd March 2026

9.00 am to 11.00 am

Two hours for all six (06) questions

Answer ALL SIX questions.

Answer each part in the given space.

Index Number:

Part E

5. A 45-year-old man presents with a 3-month history of increased thirst, polyuria, nocturia, and unintentional weight loss. On examination, his BMI is 28 kg/m² and blood pressure is 150/90 mmHg. Following investigations are ordered by his general practitioner.

Test	Result	Reference interval
Fasting plasma glucose	200 mg/dL	70-99
HbA1c	8.2%	< 5.7%

5.1 State the most likely diagnosis in this patient giving reasons.

(20 marks)

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5.2 Outline the rationale of performing HbA1c compared to Blood Glucose estimation.

(20 marks)

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