



UNDERGRADUATE UNIVERSITY EXAMINATIONS

SCHOOL OF MANAGEMENT AND LEADERSHIP

DEGREE OF BACHELOR OF EDUCATION ARTS

MTH 131 : PROBABILITY AND STATISTICS 1

DATE: APRIL 2026

DURATION: 2 HOURS

MAXIMUM MARKS: 70

INSTRUCTIONS:

1. Write your registration number on the answer booklet.
2. **DO NOT** write on this question paper.
3. This paper contains **SIX (6)** questions.
4. Question **ONE** is compulsory.
5. Answer any other **THREE** questions.
6. Question **ONE** carries **25 MARKS** and the rest carry **15 MARKS** each.
7. **Write all your answers in the Examination answer booklet provided.**

QUESTION ONE

Read the Case Study below carefully and answer the questions that follow:

NOTE;

1. The **FONT STYLE** for MUA is **BOOK ANTIQUA**,
2. The **FONT** size is **12**.
3. Paragraph line spacing is **1.5 LINES**
4. All the marks should be in **BOLD** and placed at the end of each question and in **BRACKETS**.
5. Ensure all your examination question papers and marking schemes are **PASSWORD PROTECTED** when submitting them to the Examinations Coordinator.