

EXAM INFORMATION

Title: Mathematics Exam L1

Subject: Math Analysis & Algebra

Class/Level: L1 University

Duration: 1h30

Instructions: Answer all questions clearly.

SCENARIO

You are tutoring a first-year student preparing for exams.

QUESTIONS

1.

Question: Compute the limit $\lim_{x \rightarrow 0} \sin(x)/x$.

Expected answer format: Numeric value

2.

Question: State the definition of a derivative.

Expected answer format: Short explanation

3.

Question: Solve the equation $3x - 7 = 11$.

Expected answer format: Numeric result