

MAT3

MATHEMATICAL TRIPOS**Part III**

Tuesday 10 June 2025 9:00 am to 12:00 pm

PAPER 166**DIOPHANTINE ANALYSIS**

Before you begin please read these instructions carefully

Candidates have **THREE HOURS** to complete the written examination.

Attempt **ALL** questions.

There are **THREE** questions in total.

Questions 1 and 3 are each worth 30 marks.

Question 2 is worth 40 marks.

STATIONERY REQUIREMENTS

Cover sheet

Treasury tag

Script paper

Rough paper

SPECIAL REQUIREMENTS

None

<p>You may not start to read the questions printed on the subsequent pages until instructed to do so by the Invigilator.</p>
