

MAT3

MATHEMATICAL TRIPOS **Part III**

Monday 8 June 2026 2:00pm to 5:00pm

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.

Question 1 is worth 30 marks.

Questions 2 and 3 are each worth 35 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>
