

MAT3

MATHEMATICAL TRIPOS **Part III**

Monday 10 June 2024 1:30 pm to 3:30 pm

PAPER 109

COMBINATORICS

Before you begin please read these instructions carefully

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

Attempt no more than **THREE** questions.

There are **FOUR** questions in total.

The questions carry equal weight.

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>
