

MAT3

MATHEMATICAL TRIPOS

Part III

Tuesday 17 June 2025 9:00 am to 11:00 am

PAPER 164

ENTROPY METHODS IN 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>
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