

MAT3

MATHEMATICAL TRIPOS **Part III**

Wednesday 5 June 2024 9:00 am to 11:00 am

PAPER 224

INFORMATION THEORY

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

**You may not start to read the questions
printed on the subsequent pages until
instructed to do so by the Invigilator.**