

MAT3

MATHEMATICAL TRIPOS **Part III**

Friday 12 June 2026 2:00pm to 4:00pm

PAPER 347

ASTROPHYSICAL BLACK HOLES

Before you begin please read these instructions carefully

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

Attempt no more than **TWO** questions.

There are **THREE** 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.**