

MAT3

MATHEMATICAL TRIPOS **Part III**

Thursday 30 May 2024 9:00 am to 12:00 pm

PAPER 314

ASTROPHYSICAL FLUID DYNAMICS

Before you begin please read these instructions carefully

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

Attempt no more than **THREE** questions.

There are **FOUR** questions in total.

The questions carry equal weight.

The paper will start with a reminder of key facts.

You may refer to these formulae in your solutions, but, please make sure to provide sufficient details when using them

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.**