MAMA/123, NST3AS/123, MAAS/123

MAT3 MATHEMATICAL TRIPOS Part III

Thursday 6 June 2024 $\,$ 9:00 am to 12:00 pm $\,$

PAPER 123

ALGEBRAIC NUMBER THEORY

Before you begin please read these instructions carefully

Candidates have THREE HOURS to complete the written examination.

Attempt no more than **FOUR** questions. There are **FIVE** 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.