

MAT3

MATHEMATICAL TRIPOS **Part III**

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

PAPER 120

MODEL THEORY AND NON-CLASSICAL LOGIC

Before you begin please read these instructions carefully

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

Attempt **ALL** questions.

There are **THREE** questions in total.

Questions 1 and 3 carry 30 marks each.

Question 2 carries 40 marks.

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.**