

MAT3

MATHEMATICAL TRIPOS **Part III**

Thursday 5 June 2025 9:00 am to 12:00 pm

PAPER 301**QUANTUM FIELD THEORY****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.

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.
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