

MAT3

**MATHEMATICAL TRIPOS**      **Part III**Friday 13 June 2025    9:00 am to 11:00 am

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**PAPER 325****QUANTUM INFORMATION,  
FOUNDATIONS AND GRAVITY****Before you begin please read these instructions carefully**

Candidates have TWO 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

<b>You may not start to read the questions printed on the subsequent pages until instructed to do so by the Invigilator.</b>
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