MAT3

MATHEMATICAL TRIPOS   Part III

Wednesday 11 June 2025   1:30 pm to 4:30 pm

PAPER 163

FOURIER RESTRICTION THEORY AND APPLICATIONS

Before you begin please read these instructions carefully

Candidates have THREE HOURS to complete the written examination.

Attempt **ALL** questions.
There are **FOUR** questions in total.

Question 1 carries 30 marks.
Question 2 carries 15 marks.
Question 3 carries 25 marks.
Question 4 carries 30 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.