

MAT3

MATHEMATICAL TRIPOS Part III

Friday, 9 June, 2023 1:30 pm to 3:30 pm

PAPER 319

UNBOUNDED OPERATORS AND SEMIGROUPS

Before you begin please read these instructions carefully

Candidates have TWO HOURS to complete the written examination.

Attempt **ALL** parts of the question. There is **ONE** question in total.

In doing a given part of the question you may use assertions in preceding parts even if you did not complete that part.

STATIONERY REQUIREMENTS

SPECIAL REQUIREMENTS

Cover sheet

Treasury tag

Script paper

Rough paper

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

None