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NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

New Zealand Scholarship
Statistics and Modelling, 2004

9.30 am Tuesday 16 November 2004

ANSWER BOOKLET

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

You should answer ALL the questions in this Answer Booklet. Graph grids are printed on pages 3 and 22.

Show ALL working. Start each question on a NEW page. Number each question and part question carefully and legibly.

Check that this booklet has pages 2–22 in the correct order and that none of these pages is blank.
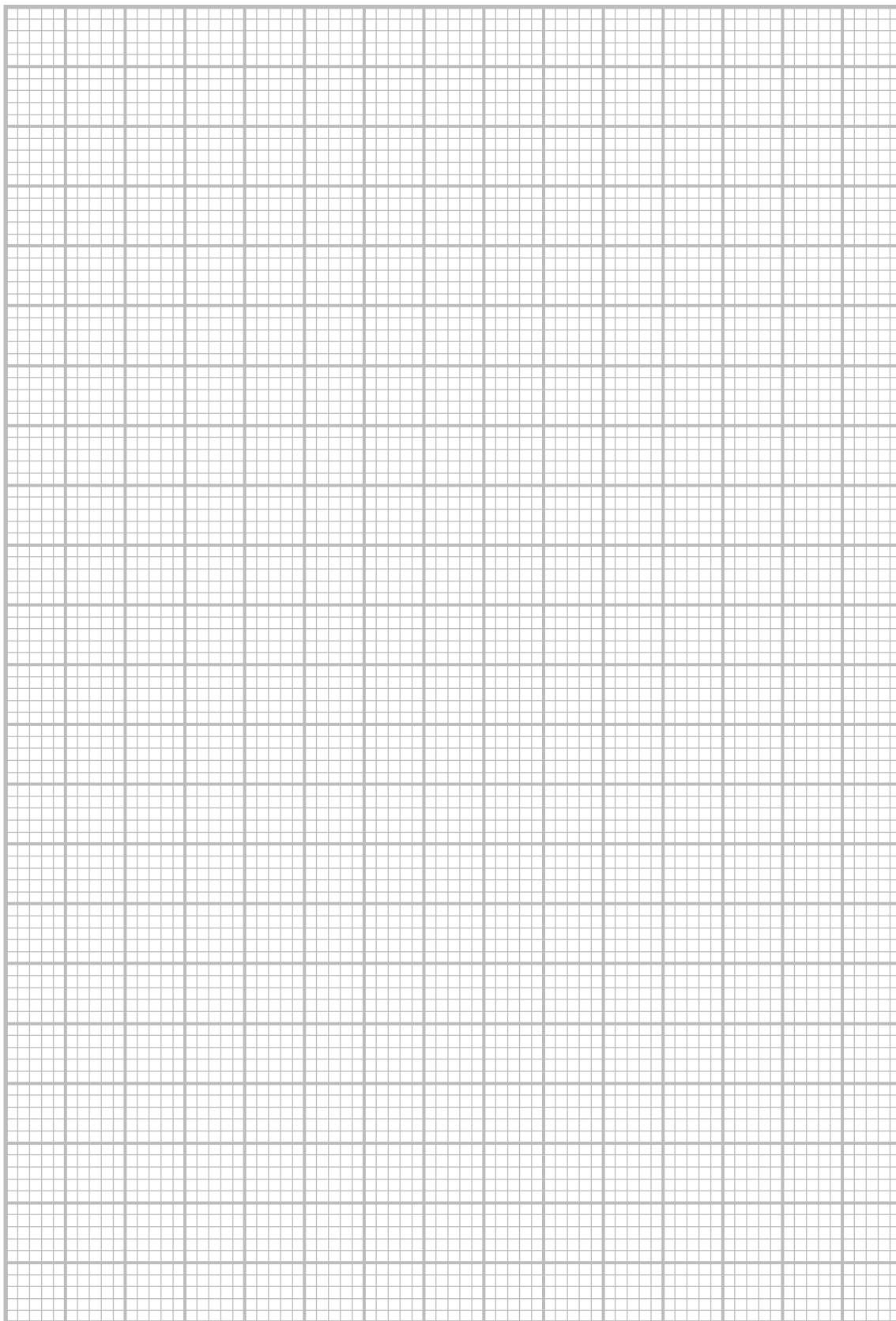
YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

For Assessor's use only.

Scholarship Criteria

The student will:
- demonstrate an advanced level of statistical thinking
- apply probability theory and models to solve complex problems
- apply techniques of mathematical modelling to solve complex problems.

Scholarship with Outstanding Performance Criteria

In addition to meeting the criteria for Scholarship, the student will:
- demonstrate sophistication of thinking across a range of concepts in the solution of problems
- in their solutions display logical development, precision and clarity across a range of concepts
- critically evaluate processes and solutions.

Overall Level of Performance

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