



For Supervisor's use only



93202A



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

New Zealand Scholarship Calculus, 2004

2.00 pm Wednesday 24 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.

Show ALL working.

Start each question on a NEW page. Number each question carefully.

Check that this booklet has pages 2–32 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.

Outcome Description	
The student will use combinations of techniques and concepts from calculus, algebra, trigonometry, and geometry to solve complex problems in unfamiliar or generalised situations.	
Scholarship Criteria	
The student will:	
<ul style="list-style-type: none">devise and/or use models to solve complex problemsselect appropriate combinations of techniques and concepts to solve complex problems.	<input type="checkbox"/>
Scholarship with Outstanding Performance Criteria	
In addition to meeting the criteria for Scholarship, the student will:	
<ul style="list-style-type: none">independently develop an extended chain of reasoningshow insight and flair when solving complex problemsdemonstrate a high level of conceptual understanding through their ability to generalise and think abstractly.	<input type="checkbox"/>
Overall Level of Performance	<input type="checkbox"/>

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