

93202A



S

SUPERVISOR'S USE ONLY



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

Scholarship 2011 Mathematics with Calculus

9.30 am Saturday 26 November 2011

Time allowed: Three hours

Total marks: 40

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.

Write ALL your answers in this booklet.

Make sure that you have Formulae and Tables Booklet S–CALCF.

Show ALL working. Start your answer to each question on a new page. Carefully number each question.

Answers developed using a CAS calculator require **ALL commands to be shown**. Correct answers only will not be sufficient.

Check that this booklet has pages 2–26 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.

QUESTION
NUMBER

You have three hours to complete this examination.

ASSESSOR'S
USE ONLY

QUESTION
NUMBERASSESSOR'S
USE ONLY

QUESTION
NUMBERASSESSOR'S
USE ONLY

QUESTION
NUMBERASSESSOR'S
USE ONLY

QUESTION
NUMBERASSESSOR'S
USE ONLY

QUESTION
NUMBERASSESSOR'S
USE ONLY

QUESTION
NUMBERASSESSOR'S
USE ONLY

QUESTION
NUMBER

ASSESSOR'S
USE ONLY

[illegible]

QUESTION
NUMBERASSESSOR'S
USE ONLY

[illegible]

QUESTION
NUMBERASSESSOR'S
USE ONLY

QUESTION
NUMBERASSESSOR'S
USE ONLY

QUESTION
NUMBERASSESSOR'S
USE ONLY

Assessor's use only.
Keep flap folded in.

ASSESSOR'S USE ONLY

Question	Mark
ONE	(8)
TWO	(8)
THREE	(8)
FOUR	(8)
FIVE	(8)
TOTAL	(40)