

# Scholarship Mathematics with Calculus

## Mathematics with Calculus assessment specification

Scholarship	Mathematics with
Performance Standard	Calculus
Mode of Assessment	Written Examination
For Year	2010

### Format of the assessment

Individual questions may cover the content of more than one Curriculum strand or Level 3 Mathematics with Calculus achievement standard.

### Equipment to bring

An approved calculator, including approved CAS calculators, may be useful.

### Resources or information supplied

A Calculus Formulas and Tables booklet will be provided within the question booklet, in detachable form. A separate answer booklet will be provided.

### Special notes

Answers will often be required in an exact form, e.g. involving surds or algebraic formats. Minor errors caused by rounding will not be penalised. It is expected that all relevant working will be shown.

### Content/Context details

Questions may be set in both mathematical and real-life contexts. Questions involving unfamiliar situations may be set, but necessary information will be supplied in the question.

### Further clarification of the standard

The use of models will not be restricted to algebraic models but may include graphical or tabular models.

Answers developed using a CAS calculator will require all CAS commands to be shown. Correct answers only, CAO, will not be sufficient.