



2013 MATHEMATICAL APPLICATIONS, Semester 2

FOR OFFICE USE ONLY

SUPERVISOR CHECK

RE-MARKED

SACE REGISTRATION NUMBER label with fields for SEQ, FIGURES, CHECK LETTER, and BIN.

Graphics calculator, Brand, Model, Computer software checkboxes.

Thursday 7 November: 9 a.m.

Time: 1½ hours in total (to complete two question booklets, one on each topic studied in Semester 2)

Pages: 9, Questions: 4

Topic 2: Investment and Loans

Examination material: two question booklets, one SACE registration number label

Approved dictionaries, notes, calculators, and computer software may be used.

Instructions to Students

- 1. You will have 10 minutes to read the question booklets...
2. Each of the following five topics is printed in a separate question booklet. Tick the boxes by the two topics you have studied in Semester 2:
Topic 1: Applied Geometry
Topic 2: Investment and Loans
Topic 3: Mathematics and Small Business
Topic 6: Share Investments
Topic 7: Statistics and Working with Data.
3. The total mark for each topic is 35.
4. Answer all parts of Questions 1 to 4 in the spaces provided in this question booklet.
5. Show all working in this booklet.
6. Write on page 9 if you need more space.
7. Use only black or blue pens for all work other than graphs and diagrams.
8. Appropriate steps of logic and correct answers are required.
9. Marks may be deducted if you do not clearly show all steps in the solution of problems.
10. Diagrams, where given, are not necessarily drawn to scale.
11. Complete the box on the top right-hand side of this page with information about the electronic technology you are using in this examination.
12. Attach your SACE registration number label to the box at the top of this page on one of your question booklets.

















You may write on this page if you need more space to finish your answers to Topic 2. Make sure to label each answer carefully (e.g. 'Question 4(a) continued').







