**SACRED HEART GIRLS’ COLLEGE**



VCE SCHOOL ASSESSED COURSEWORK 2014

Mathematical Methods CAS – Unit 3

SAC 1 – Test

Title and Purpose of SAC:

**SAC 1 – Test**

Students are required to demonstrate achievement of Outcomes 1 and 3 – Mathematical Methods CAS.

Outcome 1-

Appropriate use of mathematical conventions and terminology; definitions and explanation of key concepts; accurate application of mathematical skills and techniques.

Outcome 3-

Appropriate selection and effective use of technology; application of technology

**SAC Details:**

**Date:** Wednesday 26 February, starting at 2 pm.(Year 12 students).

**Venue:**room A16

**Reading time:** 10 minutes in total to read both parts

**Writing time:** Part A(technology free): 20 minutes Part B(technology active): 40 minutes

**Mark allocation:** 10 marks

**Description of task:** Part AStudents are to complete a set of short answer questions. Part B Students are to complete a set of multiple choice and application / extended response questions

The content of the SAC will include work from Functions and Relations, Linear Functions and Matrices, Families of Functions and Polynomial Functions.

NOTE: Year 11 students will complete the SAC on Friday 28/2 starting at 3.30 pm in room D21.

**Materials Permitted:**

Part A: Students are not permitted to use any materials in this part of the SAC

Part B: In this part of the SAC students are permitted to use a bound reference and an approved CAS calculator.

Student attendance is compulsory at all scheduled SACs. Any student absent on the specified date must have a medical certificate to justify their absence. These students will be required to sit a Make-Up SAC out of school hours. In order to maintain SAC integrity and justice, these students may sit an alternative task.

**No electronic devices are permitted in the location of the SAC unless specifically permitted by the teacher.**

Ms Gates, Ms Garkel and Mr Smith

Please note, Unit 3 and 4 SAC results are indicative only and may change following the statistical moderation and review processes used by VCAA after the completion of all examinations.