



Rossmoyne SHS  
Mathematics  
Department

# MATHEMATICS 3CD

Semester 1 2011  
EXAMINATION

NAME:

TEACHER: **Mr Birrell Ms Goh Mr Whyte**  
**Mr White Mr Longley Mr Jones**

## Section Two: Calculator-assumed

### Time allowed for this section

Reading time before commencing work: 10 minutes  
Working time for this section: 100 minutes

### Materials required/recommended for this section

#### *To be provided by the supervisor*

This Question/Answer Booklet  
Formula Sheet (retained from Section One)

#### *To be provided by the candidate*

Standard items: pens, pencils, pencil sharpener, eraser, correction fluid, ruler, highlighters

Special items: drawing instruments, templates, notes on two unfolded sheets of A4 paper, and up to three calculators satisfying the conditions set by the Curriculum Council for this examination

### Important note to candidates

No other items may be taken into the examination room. It is **your** responsibility to ensure that you do not have any unauthorised notes or other items of a non-personal nature in the examination room. If you have any unauthorised material with you, hand it to the supervisor **before** reading any further.

## Structure of this paper

Section	Number of questions available	Number of questions to be answered	Suggested working time (minutes)	Marks available
Section Two: Calculator-assumed	10	10	100	80

## Instructions to candidates

1. The rules for the conduct of Western Australian external examinations are detailed in the *Year 12 Information Handbook 2010*. Sitting this examination implies that you agree to abide by these rules.
2. Answer the questions according to the following instructions.

Section Two: Write answers in this Question/Answer Booklet. **All** questions should be answered.

**Show all your working clearly.** Your working should be in sufficient detail to allow your answers to be checked readily and for marks to be awarded for reasoning. Incorrect answers given without supporting reasoning cannot be allocated any marks. For any question or part question worth more than two marks, valid working or justification is required to receive full marks. If you repeat an answer to any question, ensure that you cancel the answer you do not wish to have marked.

It is recommended that you **do not use pencil** except in diagrams.

3. You must be careful to confine your responses to the specific questions asked and to follow any instructions that are specific to a particular question.
4. Spare pages are included at the end of this booklet. They can be used for planning your responses and/or as additional space if required to continue an answer.
  - Planning: If you use the spare pages for planning, indicate this clearly at the top of the page.
  - Continuing an answer: If you need to use the space to continue an answer, indicate in the original answer space where the answer is continued, i.e. give the page number. Fill in the number of the question(s) that you are continuing to answer at the top of the page.

QUESTION	MARKS AVAILABLE	STUDENT MARK
8	5	
9	9	
10	11	
11	6	
12	9	
13	6	
14	5	
15	10	
16	13	
17	6	
TOTAL	80	