



RECOGNISING ACHIEVEMENT

## ADVANCED SUBSIDIARY GCE MATHEMATICS (MEI)

Introduction to Advanced Mathematics (C1)

4751

## PRINTED ANSWER BOOK

Candidates answer on this printed answer book.

**OCR supplied materials:**

- Question paper 4751 (inserted)
- MEI Examination Formulae and Tables (MF2)

**Other materials required:**

None

**Wednesday 18 May 2011**  
**Morning**

**Duration:** 1 hour 30 minutes

Candidate forename		Candidate surname	
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Centre number						Candidate number			
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**INSTRUCTIONS TO CANDIDATES**

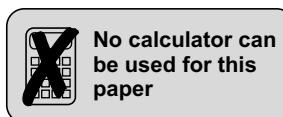
These instructions are the same on the printed answer book and the question paper.

- The question paper will be found in the centre of the printed answer book.
- Write your name, centre number and candidate number in the spaces provided on the printed answer book. Please write clearly and in capital letters.
- **Write your answer to each question in the space provided in the printed answer book.** Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Answer **all** the questions.
- Do **not** write in the bar codes.
- You are **not** permitted to use a calculator in this paper.
- Final answers should be given to a degree of accuracy appropriate to the context.

**INFORMATION FOR CANDIDATES**

This information is the same on the printed answer book and the question paper.

- The number of marks is given in brackets [ ] at the end of each question or part question on the question paper.
- You are advised that an answer may receive **no marks** unless you show sufficient detail of the working to indicate that a correct method is being used.
- The total number of marks for this paper is **72**.
- The printed answer book consists of **12** pages. The question paper consists of **4** pages. Any blank pages are indicated.



**Section A (36 marks)**

<b>1</b>	
<b>2</b>	
<b>3 (i)</b>	

<b>3 (ii)</b>	
<b>4 (i)</b>	
<b>4 (ii)</b>	
<b>5</b>	

<b>6</b>	
<hr/>	
<b>7</b>	
<hr/>	
<b>8</b>	



## **Section B (36 marks)**

**11 (i)**

<b>11 (ii)</b>	
<hr/>	
<b>11(iii)(A)</b>	
<hr/>	
<b>11(iii)(B)</b>	

12 (i)

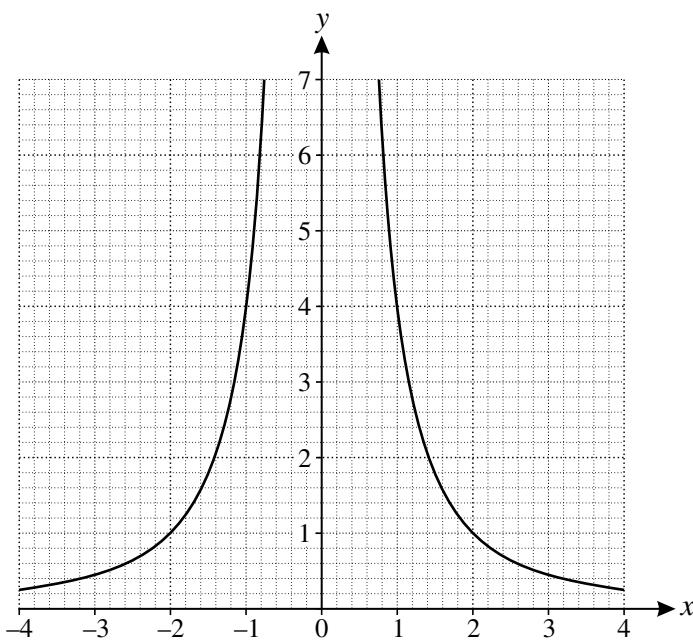


Fig. 12

12 (ii)

12 (iii)

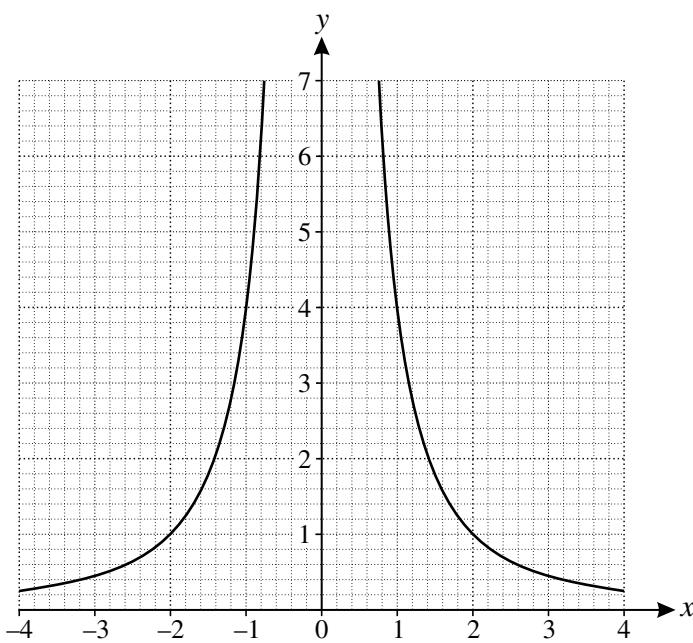


Fig. 12

<b>13 (i)</b>	
<b>13 (ii)</b>	

13 (iii)

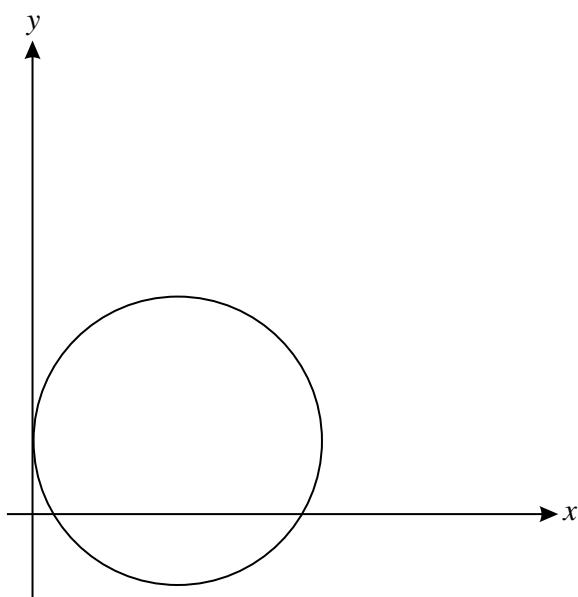


Fig. 13

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