

Tuesday 19 June 2018 – Afternoon

A2 GCE MATHEMATICS

4723/01 Core Mathematics 3

PRINTED ANSWER BOOK

Candidates answer on this Printed Answer Book.

OCR supplied materials:

- Question Paper 4723/01 (inserted)
- List of Formulae (MF1)
- Other materials required: • Scientific or graphical calculator

Duration: 1 hour 30 minutes



Candidate forename	Candidate surname	

Centre number						Candidate number					
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INSTRUCTIONS TO CANDIDATES

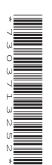
These instructions are the same on the Printed Answer Book and the Question Paper.

- The Question Paper will be found inside 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. If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Do **not** write in the barcodes.
- You are permitted to use a scientific or graphical calculator in this paper.
- Give non-exact numerical answers correct to 3 significant figures unless a different degree of accuracy is specified in the question or is clearly appropriate.

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 reminded of the need for clear presentation in your answers.
- The total number of marks for this paper is 72.
- The Printed Answer Book consists of **16** pages. The Question Paper consists of **4** pages. Any blank pages are indicated.



1	

2	

3 (i)	
3 (ii)	

4	

5(i)	
5(ii)	

5(iii)	
5(iv)	

((a)	
6 (a)	
6(b)(i)	
	(oneway appear antipued on part reac)
	(answer space continued on next page)

(continued)

7(i)	
7(ji)	
7 (ii)	

10

7 (iii)	
7 (iv)	

[]	
8 (a)	
-	
8(b)	
	(answer space continued on next page)
1 1	

8(b)	(continued)

0(3)	
9(i)	
0 (")	
9 (ii)	
	(answer space continued on next page)

9(ii)	(continued)

ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).



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