



Oxford Cambridge and RSA

Wednesday 6 June 2018 – Morning

A2 GCE MATHEMATICS (MEI)

4772/01 Decision Mathematics 2

PRINTED ANSWER BOOK

Candidates answer on this Printed Answer Book.

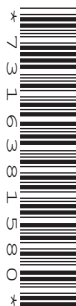
OCR supplied materials:

- Question Paper 4772/01 (inserted)
- MEI Examination Formulae and Tables (MF2)

Other materials required:

- Scientific or graphical calculator

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 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.** Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- Use black ink. HB 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 barcodes.
- You are permitted to use a scientific or graphical 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 **8** pages. Any blank pages are indicated.

1
(i)&(ii)

1 (iii)**1 (iv)**

2 (i)

	1	2	3	4	5
1	50	25	49	12	37
2	25	48	24	12	32
3	49	24	48	16	8
4	12	12	16	24	24
5	37	32	8	24	16

	1	2	3	4	5
1	2	2	2	4	5
2	1	3	3	4	3
3	2	2	2	4	5
4	1	2	3	1	3
5	1	3	3	3	3

	1	2	3	4	5
1				12	
2				12	
3				16	
4	12	12	16	24	24
5				24	

	1	2	3	4	5
1				4	
2				4	
3				4	
4	1	2	3	1	3
5				3	

	1	2	3	4	5
1	24	24	28	12	36
2	24	24	24	12	32
3	28	24	16	16	8
4	12	12	16	24	24
5	36	32	8	24	16

	1	2	3	4	5
1	4	4	4	4	4
2	4	4	3	4	3
3	4	2	5	4	5
4	1	2	3	1	3
5	3	3	3	3	3

2 (ii)

2 (iii)

2 (iv)	
2 (v)	
2 (vi)	

3(i)	
3(ii)	
3(iii)	

3(iv)	
3(v)	

4 (a) (i)	
4 (a) (ii)	
4 (a) (iii)	
4 (a) (iv)	
4 (a) (v)	
4 (b) (i)	

4 (b) (ii)	
4 (b) (iii)	

4(c)	

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