

Wednesday 8 June 2016 – 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

Centre number

Candidate number

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 bar codes.
- 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)	
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1 (iii)

1 (iv)	
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2(a)	
2(b)(i)	
2(b)(ii)	

2(c)(i)	
2(c)(ii)	

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

3(iv)	
3(v)	
3(vi)	

4(a)

4(b)(i) A spare copy of these tables can be found on page 12.

	1	2	3	4	5
1	48	24	28	11	15
2	24	8	4	11	16
3	28	4	8	7	12
4	11	11	7	14	14
5	15	16	12	14	24

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

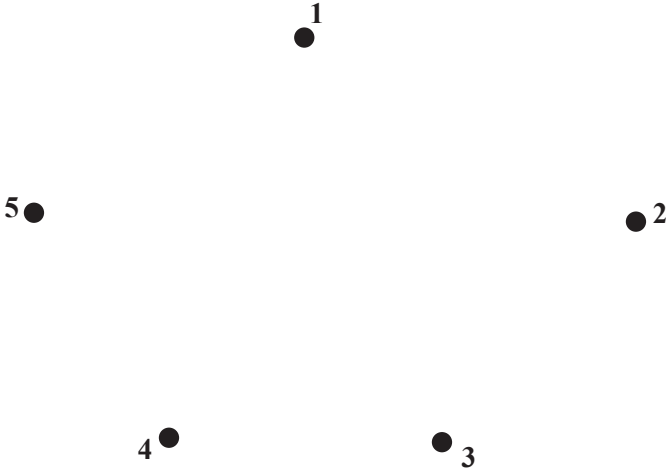
	1	2	3	4	5
1					
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4					
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	1	2	3	4	5
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	1	2	3	4	5
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2					
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4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

4(b)(ii)

4 (b) (iii)	
4 (b) (iv)	

4(b)(v)	

4(b)(i) Spare copy of tables for question 4(b)(i)

	1	2	3	4	5
1	48	24	28	11	15
2	24	8	4	11	16
3	28	4	8	7	12
4	11	11	7	14	14
5	15	16	12	14	24

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

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

	1	2	3	4	5
1					
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3					
4					
5					

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