

OCR

Oxford Cambridge and RSA

Accredited

AS Level Further Mathematics B (MEI)

Y412 Statistics a

Printed Answer Booklet

Date – Morning/Afternoon

Time allowed: 1 hour 15 minutes

OCR supplied materials:

- Printed Answer Booklet
- Formulae Further Mathematics B (MEI)

You must have:

- Printed Answer Booklet
- Formulae Further Mathematics B (MEI)
- Scientific or graphical calculator



First name

Last name

Centre
number

Candidate
number

INSTRUCTIONS

- Use black ink. HB pencil may be used for graphs and diagrams only.
- Complete the boxes provided on the Printed Answer Booklet with your name, centre number and candidate number.
- Answer **all** the questions.
- **Write your answer to each question in the space provided in the Printed Answer Booklet.**
- Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- 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

- 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 used. You should communicate your method with correct reasoning.
- The Printed Answer Booklet consists of **12** pages. The Question Paper consists of **8** pages.

1 (i)	
1 (ii)	
1 (iii)	
1 (iv)	
2 (i)	
2 (ii)	

4 (i)

r	1	2	3	4	5	6
$P(X = r)$						

4 (ii)

4 (iii)

A large grid for drawing a probability distribution curve. The grid is 20 columns wide and 20 rows high. A large diagonal watermark reading "SPECIMEN" is overlaid on the grid.

4 (iv)	

SPECIMEN

4 (v)	
4 (vi)	

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4 (vii)	
	5 (i)
5 (ii)	

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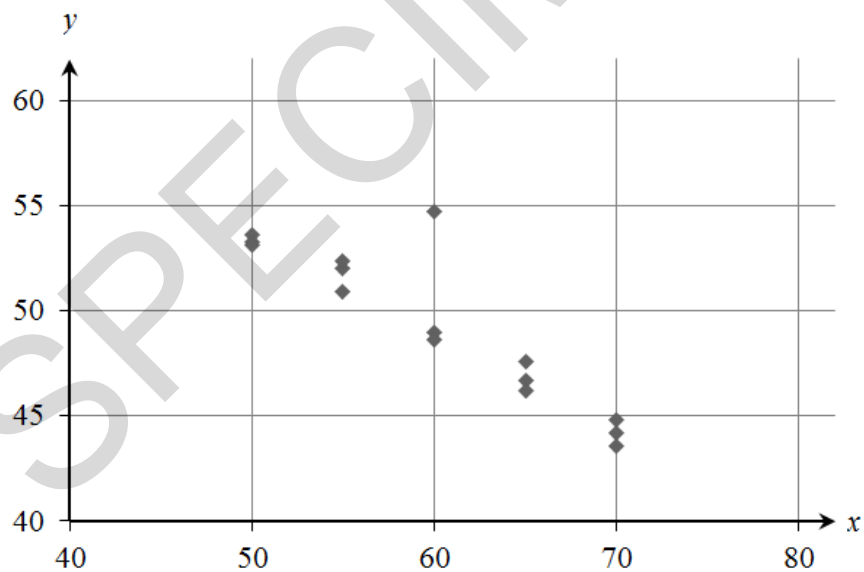
5 (iii)	
5 (iv)	

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DO NOT WRITE IN THIS SPACE

6 (i)

6 (ii)
(A)



6 (ii)
(B)

6 (iii)

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6 (iv) <i>(A)</i>	
6 (iv) <i>(B)</i>	
6 (v)	

SPECIMEN

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