

**AS Level Further Mathematics B (MEI)****Y412 Statistics a**

Printed Answer Booklet

Version 2

**Date – Morning/Afternoon**

Time allowed: 1 hour 15 minutes

**You must have:**

- Question Paper Y412 (inserted)
- Formulae Further Mathematics B (MEI)

**You may use:**

- a scientific or graphical calculator



First name

Last name

Centre  
numberCandidate  
number**INSTRUCTIONS**

- The Question Paper will be found inside the Printed Answer Booklet.
- 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.

<b>1 (i)</b>	
<b>1 (ii)</b>	
<b>1 (iii)</b>	
<b>1 (iv)</b>	
<b>2 (i)</b>	
<b>2 (ii)</b>	

2 (iii)	
3 (i)	
3 (ii)	
	(answer space continued on next page)

[illegible]

**4 (i)**

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

**4 (ii)**

**4 (iii)**

[illegible]

[illegible]

4 (v)	
4 (vi)	

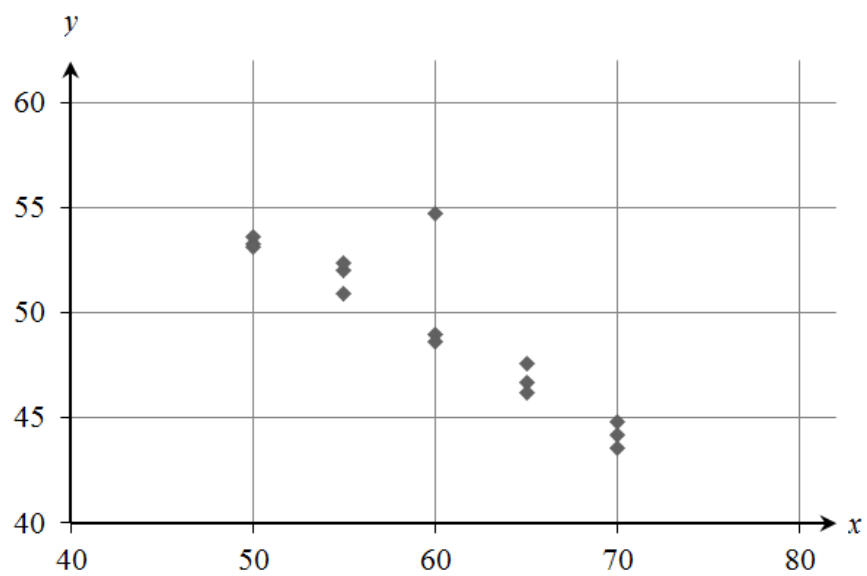
<b>4 (vii)</b>	
	<b>5 (i)</b>
<b>5 (ii)</b>	



<b>5 (iii)</b>	
<b>5 (iv)</b>	

**DO NOT WRITE IN THIS SPACE**

6 (i)

6 (ii)  
(A)6 (ii)  
(B)

**6 (iii)**

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

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