

## AS Level Further Mathematics B (MEI)

### Y416 Statistics b

Printed Answer Booklet

Version 3

## Date – Morning/Afternoon

Time allowed: 1 hour 15 minutes

#### You must have:

- Question Paper Y416 (inserted)
- Formulae Further Mathematics B (MEI)

#### You may use:

- a scientific or graphical calculator



First name

Last name

Centre  
number

Candidate  
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)(A)</b>	
<b>1 (i)(B)</b>	
<b>1 (ii)</b>	
<b>1 (iii)</b>	
<b>1 (iv)</b>	

2 (i)	
2 (ii)	
2 (iii)	

3 (i)	
3 (ii)	

<b>3 (iii)</b>	
<b>4 (i)</b>	

4 (ii)

Mass	Mass – 720	Mass – 720	
705	–15	15	
730	10	10	
720	0	0	
691	–29	29	
718	–2	2	
680	–40	40	
731	11	11	
723	3	3	
745	25	25	
708	–12	12	
724	4	4	
736	16	16	

(answer space continued on next page)

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

<b>5 (iii)</b> (A)	
<b>5 (iii)</b> (B)	
<b>5 (iv)</b>	
<b>5 (v)</b> (A)	
<b>5 (v)</b> (B)	
<b>5 (vi)</b>	



6 (i)	
6 (ii)	
6 (iii)	

**DO NOT WRITE IN THIS SPACE**

7 (i)	
7 (ii)	
7 (iii)	

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