

# Wednesday 8 June 2022 – Afternoon

# AS Level Mathematics B (MEI)

H630/02 Pure Mathematics and Statistics

Printed Answer Booklet

Time allowed: 1 hour 30 minutes

#### You must have:

- Question Paper H630/02 (inside this document)
- a scientific or graphical calculator



Please write clearly in black ink. Do not write in the barcodes.							
Centre number					Candidate number		
First name(s)							
Last name							

#### **INSTRUCTIONS**

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided in the Printed Answer
  Booklet. If you need extra space use the lined pages at the end of the Printed Answer
  Booklet. The question numbers must be clearly shown.
- · Answer all the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.
- Give your final answers to a degree of accuracy that is appropriate to the context.

#### **INFORMATION**

This document has 16 pages.

#### **ADVICE**

· Read each question carefully before you start your answer.



1	
2(a)	
2(b)	
3	

4(a)	
4(b)	
5(a)	

Mean = Standard deviation =  5(c)  5(d)  6(a)
Standard deviation =  5(c)  5(d)
5(c)
5(d)
6(a)
6(b)

6(c)	
6(d)	

# DO NOT WRITE IN THIS SPACE

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6 7(a) - 8-- 6**-**- 2--2 0 -4-2-

There is a spare copy of this graph on page 13.

7(b)	
8(a)	
8(b)	

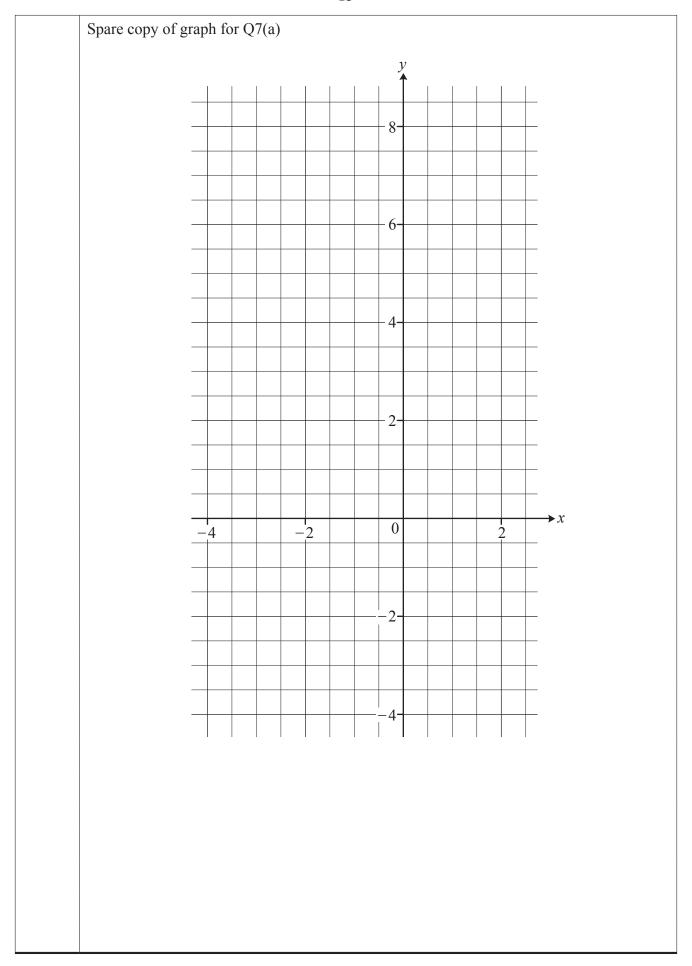
8(c)	
8(d)	
0()	
8(e)	
8(f)	

9(a)	
0.0	
9(b)	
0(a)	
9(c)	
9(d)	

10	

11(a)								
								_
11(1.)								_
11(b)								_
								_
11(c)		Mediar grades	n income and including E	d Percentage	of Pupils a	achieving at end of KS4	least 5 A*-C 2014-5	
		80.0						
		75.0 70.0			•			
	Doroontogo	65.0				•	•	
	Percentage of Pupils	55.0	•		•	8		
		45.0						
		35.0						
		15 000	20 000	25 000 Median	30 000 Income	35 000	40 000	
44 ( 3 )				Fig. 11.2				_
11(d)								
								_
								_
								_

11(e)	
11(f)	
11(g)	



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# ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).



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