

# AS Level Mathematics B (MEI)

**H630/02** Pure Mathematics and Statistics Printed Answer Booklet

# Wednesday 23 May 2018 - Morning

Time allowed: 1 hour 30 minutes

#### You must have:

· Question Paper H630/02 (inserted)

#### 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 barcodes.
- 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</b> (A)							
<b>1</b> (B)							
2(i)							
			T	I			1
	Time in minutes	15 -	20 -	25 -	35 -	45 – 60	-
	Number of runners	12	23	59	71	1.4	
	Frequency density	2.4		5.9	7.1	1.4	
			Fig. 2				
2(ii)							
( )							
3							
3							

4(i)	
.(1)	
4(ii)	

5	
6	

7(i)	
7(ii)	

<b>7(iii)</b>	
8	
	(answer space continued on next page)

8	(continued)

9	

<b>10(i)</b> (A)	
<b>10(i)</b> ( <i>B</i> )	
10(ii)	

11(i)	
11(ii)(A)	
11(ii)(B)	
11(ii)(C)	
11(ii)(D)	
11(ii)(E)	

11(iii)	
12(i)	
12(ii)	

12(iii)	
12(iv)	
<b>12(v)</b> (A)	
<b>12(v)</b> (B)	



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