

Wednesday 8 June 2016 - Morning

AS GCE MEI STATISTICS

G242/01 Statistics 2 (Z2)

PRINTED ANSWER BOOK

Candidates answer on this Printed Answer Book.

OCR supplied materials:

- Question Paper G242/01 (inserted)
- MEI Examination Formulae and Tables (MF2)

Other materials required:

• Scientific or graphical calculator

Duration: 1 hour 30 minutes



Candidate forename				Candidate surname			
Centre number				Candidate nu	ımber		

INSTRUCTIONS TO CANDIDATES

These instructions are the same on the Printed Answer Book and the Question Paper.

- The Question Paper will be found in the centre of the Printed Answer Book.
- Write your name, centre number and candidate number in the spaces provided on the Printed Answer Book. Please write clearly and in capital letters.
- Write your answer to each question in the space provided in the Printed Answer Book. If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Answer all the questions.
- 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 FOR CANDIDATES

This information is the same on the Printed Answer Book and the Question Paper.

- The number of marks is given in brackets [] at the end of each question or part question on the Question Paper.
- 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 being used.
- The total number of marks for this paper is **72**.
- The Printed Answer Book consists of 12 pages. The Question Paper consists of 4 pages.
 Any blank pages are indicated.



1 (i)			Time of	migration	
	Expected	d frequencies	Early	Late	
		length < 108 mm		13.139	
	Wing length	108 mm ≤ length ≤ 113 mm		16.125	
	i i i i i i i i i i i i i i i i i i i	length > 113 mm	9.264	13.736	
			Time of	migration	
	Contrib	utions to the test statistic	Early	Late	
		length < 108 mm		2.0099	
	Wing length	108 mm ≤ length ≤ 113 mm		0.0010	
		length > 113 mm	2.9910	2.0172	
			(answer space	continued on ne	ext page

1 (i)	(continued)
1 (ii)	

2 (i)	
2 (ii)	

2 (iii)	
2 (iv)	

3 (i)	
	(answer space continued on next page)

3 (i)	(continued)
3 (ii)	

4 (i)	
4 (ii)	
. ()	

4 (iii)	

5 (i)	
5 (ii)	

5 (iii)	
5 (iv)	

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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