

OCR

Oxford Cambridge and RSA

Friday 15 June 2018 – Afternoon**A2 GCE MATHEMATICS (MEI)****4768/01** Statistics 3**PRINTED ANSWER BOOK**

Candidates answer on this Printed Answer Book.

OCR supplied materials:

- Question Paper 4768/01 (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 number	

INSTRUCTIONS TO CANDIDATES

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

- The Question Paper will be found inside 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.** Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- 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 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 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(a)(i)	
1(a)(ii)	

1(b)(i)	
1(b)(ii)	

2(i)

2(ii)

Number of errors	Observed frequency	Expected frequency	Contributions
0	13	7.065	4.985
1	15	18.723	0.740
2	16		
3	22	21.913	0.000
4	22	14.518	3.857
5	8	7.694	0.012
6	4	3.398	
≥ 7	0		

(answer space continued on next page)

2(ii) (continued)

2(iii)	

3(i)	
3(ii)	

3(iii)	

3(iv)(A)	
3(iv)(B)	

4(i)(A)	
4(i)(B)	

4(ii)	
4(iii)	
	(answer space continued on next page)

4(iii)	(continued)
4(iv)	