OCR
Oxford Cambridge and RSA

Thursday 7 October 2021 – Afternoon

AS Level Further Mathematics A

Y532/01 Statistics

Printed Answer Booklet

Time allowed: 1 hour 15 minutes

You must have:
- Question Paper Y532/01 (inside this document)
- the Formulae Booklet for AS Level Further Mathematics A
- 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**. You can use extra paper if you need to, but you must clearly show your candidate number, the centre number and the question numbers.
- 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 non-exact numerical answers correct to **3** significant figures unless a different degree of accuracy is specified in the question.
- The acceleration due to gravity is denoted by $g\,\mathrm{m\,s^{-2}}$. When a numerical value is needed use $g = 9.8$ unless a different value is specified in the question.

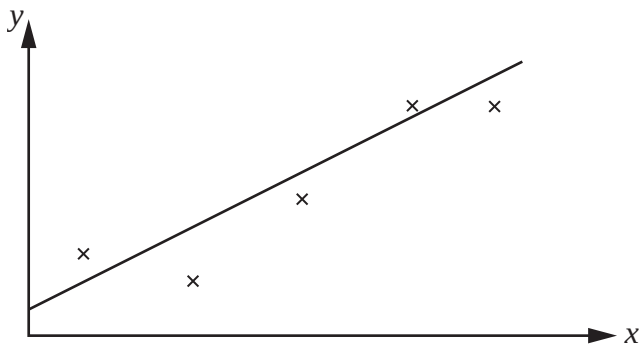
INFORMATION
- The total mark for this paper is **60**.
- The marks for each question are shown in brackets **[ ]**.
- This document has **8** pages.

ADVICE
- Read each question carefully before you start your answer.

1(a)	
1(b)	
1(c)(i)	
1(c)(ii)	

2

3(a)



3(b)(i)	
3(b)(ii)	
4	

5	
6(a)	

6(b)	
6(c)	
7(a)	

7(b)

8(a)

8(b)

8(c)	
	The value of r
	The value of λ