

Monday 23 May 2022 – Afternoon

AS Level Further Mathematics A

Y532/01 Statistics

Printed Answer Booklet

Time allowed: 1 hour 15 minutes



Y	′ou must have:
•	Question Paper Y532/01 (inside this document)
•	the Formulae Booklet for AS Level Further

- let 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. If you need extra space use the lined pages at the end of the Printed Answer Booklet. The guestion 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 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 gms^{-2} . When a numerical value is needed use g = 9.8 unless a different value is specified in the question.

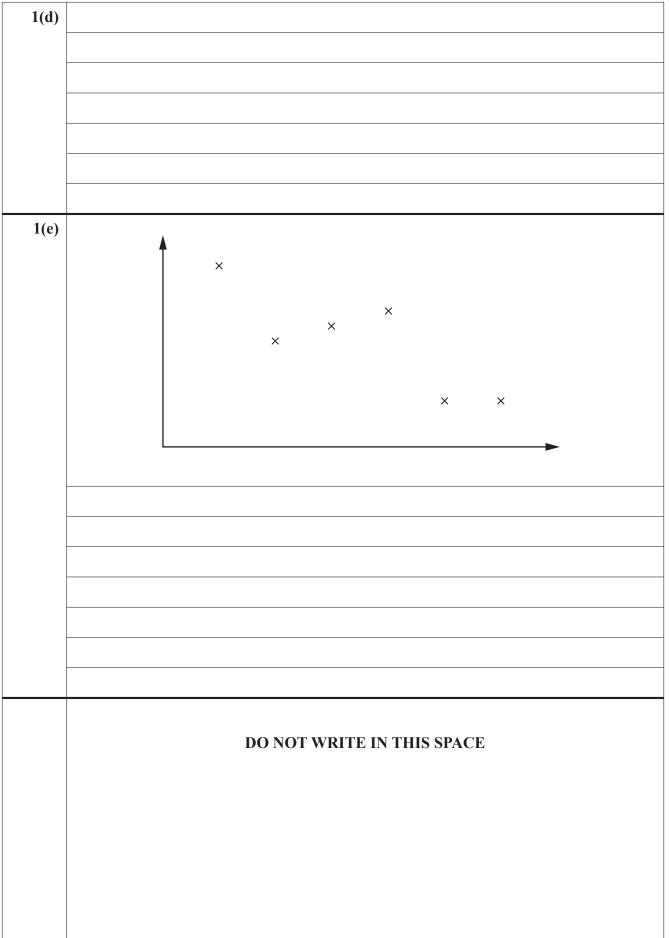
INFORMATION

- The total mark for this paper is 60.
- The marks for each question are shown in brackets [].
- This document has **12** pages.

ADVICE

Read each question carefully before you start your answer.

1(a)(i)	
1(a)(ii)	1.
	2.
1(b)	
1(c)	



3

2	

3 (a)	
2(b)	
3(b)	
	a =
	<i>b</i> =

4	

5(a)	
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5(b)(i)	
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5(b)(ii)	
5(0)(1)	
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5(b)(iii)	
5(b)(iii)	
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5(c)	

7

5(d)	
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6(a)	
U(a)	
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6(b)	
0(~)	
6(c)	

7(a)	
7(b)(i)	
7(b)(ii)	

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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