

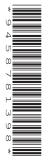
Wednesday 15 June 2022 – Afternoon

A Level Further Mathematics A

Y542/01 Statistics

Printed Answer Booklet

Time allowed: 1 hour 30 minutes



You must have: • Question Paper Y542/01 (inside this document)

- the Formulae Booklet for A Level Further
- Mathematics A
- · a scientific or graphical calculator



Please write clea	arly in	black	ink. I	Do no	ot writ	e 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 guestions.
- · 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 75.
- 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)	
-(w)()	
1(1-)	
1(b)	

2(a)	
2(b)	
2(c)(i)	
2(c)(ii)	
2(d)	

3	

4(a)	
4(b)	
4(c)	
4(d)	
+(u)	
4(e)	

5(a)	
5(b)	

6(a)	
6(b)	

7	

8(a)	
8(b)	

9(a)	

9(b)	

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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