

AS Level Further Mathematics A**Y533 Mechanics**

Printed Answer Booklet

Version 2

Date – Morning/Afternoon

Time allowed: 1 hour 15 minutes

You must have:

- Question Paper Y533 (inserted)
- Formulae AS Level Further Mathematics A

You may use:

- a scientific or graphical calculator



First name

Last name

Centre
numberCandidate
number**INSTRUCTIONS**

- The Question Paper will be found inside the Printed Answer Booklet.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Complete the boxes provided on the Printed Answer Booklet with your name, centre number and candidate number.
- Answer **all** the questions.
- **Write your answer to each question in the space provided in the Printed Answer Booklet.** Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- Do **not** write in the bar codes.
- You are permitted to use a scientific or graphical calculator in this paper.
- 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 $g \text{ m s}^{-2}$. Unless otherwise instructed, when a numerical value is needed, use $g = 9.8$.

INFORMATION

- **You are reminded of the need for clear presentation in your answers.**
- The Printed Answer Booklet consists of **12** pages. The Question Paper consists of **8** pages.

1(i)	
1(ii)	

2(i)**2(ii)**

2(iii)	
3(i)	
3(ii)	

3(iii)	
3(iv)	

PLEASE DO NOT WRITE IN THIS SPACE

4(i)**4(ii)**

5(i)		
	5(ii)(a)	
5(ii)(b)		

5(iii)	
	5(iv)(a)
5(iv)(b)	

6(i)**6(ii)****6(iii)**

6(iv)	
6(v)	

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