

# Tuesday 18 June 2019 – Morning

## A Level Further Mathematics A

## Y543/01 Mechanics

## Printed Answer Booklet

#### Time allowed: 1 hour 30 minutes

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#### You must have:

- Question Paper Y543/01 (inserted)
- Formulae A Level Further Mathematics A

#### You may use:

• a scientific or graphical calculator



| Please write clearly in black ink. Do not write in the barcodes. |  |  |  |                  |  |  |
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#### 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.
- Answer all the questions.
- Write your answer to each question in the space provided in the Printed Answer **Booklet.** If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- 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  $gm s^{-2}$ . 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 **4** pages.

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### 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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