



# AS Level Further Mathematics B (MEI) Y415 Mechanics b

**Printed Answer Booklet** 

# Date - Morning/Afternoon

Time allowed: 1 hour 15 minutes

#### OCR supplied materials:

- · Printed Answer Booklet
- Formulae Further Mathematics B (MEI)

#### You must have:

- · Printed Answer Booklet
- · Formulae Further Mathematics B (MEI)
- · Scientific or graphical calculator



| First name    |                  |
|---------------|------------------|
| Last name     |                  |
| Centre number | Candidate number |

#### **INSTRUCTIONS**

- 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.
- Final answers should be given to a degree of accuracy appropriate to the context.
- 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 advised that an answer may receive no marks unless you show sufficient detail of the
  working to indicate that a correct method is used. You should communicate your method with
  correct reasoning.
- The Printed Answer Booklet consists of 12 pages. The Question Paper consists of 8 pages.

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