

## Pearson Edexcel Level 3 GCE

# Further Mathematics

**Advanced Subsidiary  
Further Mathematics options  
Paper 2H: Further Mechanics 1 and  
Decision Mathematics 1**

Thursday 17 May 2018 – Afternoon

**Time: 1 hour 40 minutes**

Paper Reference

**8FM0-2H**

### You must have:

8FM0-25 (enclosed)

8FM0-27 with answer book (enclosed)

Mathematical Formulae and Statistical Tables, calculator

**Candidates may use any calculator allowed by the regulations of the Joint Council for Qualifications. Calculators must not have the facility for symbolic algebra manipulation, differentiation and integration, or have retrievable mathematical formulae stored in them.**

### Instructions

- There are **two** parts to this examination. Answer **all** the questions in 8FM0-25 and **all** the questions in 8FM0-27.
- Use **black** ink or ball-point pen.
- If pencil is used for diagrams/sketches/graphs it must be dark (HB or B).
- Answer the questions in the spaces provided  
– *there may be more space than you need.*
- You should show sufficient working to make your methods clear.  
Answers without working may not gain full credit.
- Answers should be given to three significant figures unless otherwise stated.

### Information

- A booklet 'Mathematical Formulae and Statistical Tables' is provided.
- The total mark for this examination is 80.
- The marks for each question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*

### Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

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