

**Paper Reference 8FM0–2F**  
**Pearson Edexcel**  
**Level 3 GCE**

**Further Mathematics**  
**Advanced Subsidiary**  
**Further Mathematics options**  
**Paper 2F: Further Statistics 1 and**  
**Decision Mathematics 1**

**Thursday 17 May 2018 – Afternoon**

**Time: 1 hour 40 minutes plus your**  
**additional time allowance.**

**V58547RA**

**YOU MUST HAVE:**

**8FM0–23 (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.**

**Turn over**

## **INSTRUCTIONS**

**There are TWO parts to this examination.  
Answer ALL the questions in 8FM0–23  
and ALL the questions in 8FM0–27**

**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.**

**Turn over**

## **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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