

**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 16 May 2019 – Afternoon**

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

## **MATERIALS REQUIRED FOR EXAMINATION**

**8FM0–23 (enclosed), 8FM0–27 with answer book  
(enclosed)**

**Mathematical Formulae and Statistical Tables (Green),  
calculator**

**Candidates may use any calculator allowed by Pearson regulations. 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 8FM0–23 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.**

## **INFORMATION**

**A booklet ‘Mathematical Formulae and Statistical Tables’ is provided.**

**The total mark for this paper 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.**

---