## **FURTHER MATHEMATICS**

## **GCE Advanced Level**

Grade thresholds taken for Syllabus 9231 (Further Mathematics) in the October/November 2012 examination.

|              | maximum           | minimum mark required for grade: |    |    |  |  |
|--------------|-------------------|----------------------------------|----|----|--|--|
|              | mark<br>available | Α                                | В  | E  |  |  |
| Component 11 | 100               | 83                               | 74 | 45 |  |  |
| Component 12 | 100               | 83                               | 74 | 45 |  |  |
| Component 13 | 100               | 80                               | 73 | 43 |  |  |
| Component 21 | 100               | 84                               | 73 | 35 |  |  |
| Component 22 | 100               | 84                               | 73 | 35 |  |  |
| Component 23 | 100               | 84                               | 73 | 35 |  |  |

The thresholds (minimum marks) for Grades C and D are normally set by dividing the mark range between the B and the E thresholds into three. For example, if the difference between the B and the E threshold is 24 marks, the C threshold is set 8 marks below the B threshold and the D threshold is set another 8 marks down. If dividing the interval by three results in a fraction of a mark, then the threshold is normally rounded down.

The thresholds for the **syllabus** are determined first by adding together the thresholds for the components taken by the candidate. A reduction may be made at the higher grades depending on the correlation of the papers. If the maximum raw marks for the components are not in the weighting/relationship specified in the syllabus, a weighting is applied to arrive at the overall thresholds. The A\* threshold is calculated using the difference between A and B as a starting point.

The maximum total mark for this syllabus is 200.

For this syllabus in this series the grade thresholds were as follows:

| Option   | Combination of components | <b>A</b> * | Α          | В          | С          | D          | E        |
|----------|---------------------------|------------|------------|------------|------------|------------|----------|
| AX<br>AY | 11, 21<br>12, 22          | 187<br>187 | 167<br>167 | 147<br>147 | 124<br>124 | 102<br>102 | 80<br>80 |
| AZ       | 13, 23                    | 182        | 164        | 146        | 123        | 100        | 78       |

Grade Thresholds are published for all GCE A/AS and IGCSE subjects where a corresponding mark scheme is available.

