## FURTHER MATHEMATICS

## GCE Advanced Level

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

|  | maximum | minimum mark required for grade: |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | mark <br> available | A | B | E |
| Component 11 | 100 | 77 | 68 | 39 |
| Component 12 | 100 | 77 | 68 | 39 |
| Component 13 | 100 | 82 | 70 | 39 |
| Component 21 | 100 | 82 | 66 | 32 |
| Component 22 | 100 | 82 | 66 | 32 |
| Component 23 | 100 | 77 | 62 | 31 |

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. Grade $A^{*}$ does not exist at the level of an individual component.

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 | $A^{*}$ | A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AX | 11,21 | 184 | 159 | 134 | 113 | 92 | 71 |
| AY | 12,22 | 186 | 159 | 132 | 111 | 90 | 70 |
| AZ | 13,23 |  |  |  |  |  |  |

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

