

# MATHEMATICS

## International General Certificate of Secondary Education

Grade thresholds taken for Syllabus 0581 (Mathematics) in the October/November 2012 examination.

|              | maximum mark available | minimum mark required for grade: |    |    |    |
|--------------|------------------------|----------------------------------|----|----|----|
|              |                        | A                                | C  | E  | F  |
| Component 11 | 56                     |                                  | 34 | 22 | 18 |
| Component 12 | 56                     |                                  | 34 | 21 | 16 |
| Component 13 | 56                     |                                  | 39 | 25 | 21 |
| Component 21 | 70                     | 53                               | 32 | 20 |    |
| Component 22 | 70                     | 54                               | 33 | 23 |    |
| Component 23 | 70                     | 46                               | 24 | 15 |    |
| Component 31 | 104                    |                                  | 65 | 42 | 33 |
| Component 32 | 104                    |                                  | 62 | 38 | 27 |
| Component 33 | 104                    |                                  | 68 | 43 | 34 |
| Component 41 | 130                    | 96                               | 59 | 38 |    |
| Component 42 | 130                    | 97                               | 59 | 41 |    |
| Component 43 | 130                    | 90                               | 47 | 31 |    |

The threshold (minimum mark) for B is set halfway between those for Grades A and C. The threshold (minimum mark) for D is set halfway between those for Grades C and E. The threshold (minimum mark) for G is set as many marks below the F threshold as the E threshold is above it. Grade A\* does not exist at the level of an individual component.

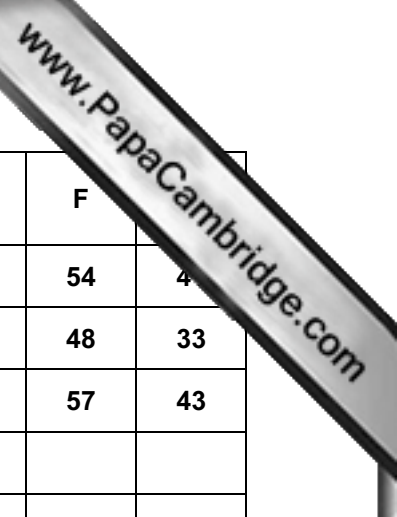
The thresholds for the **syllabus** are determined first by adding together the thresholds for the components taken by the candidate. A reduction may be made at the higher grades depending on the correlation of the papers. If the maximum raw marks for the components are not in the weighting/relationship 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 the 'Extended' options and **160** for the 'Core' options.

The overall thresholds for the different grades were set as follows.

| Option | Combination of components | A* | A | B | C   | D  | E  | F  | G  |
|--------|---------------------------|----|---|---|-----|----|----|----|----|
| AX     | 05, 11, 31                |    |   |   | 102 | 84 | 67 | 54 | 41 |
| AY     | 05, 12, 32                |    |   |   | 100 | 81 | 63 | 47 | 31 |
| AZ     | 05, 13, 33                |    |   |   | 109 | 90 | 71 | 57 | 43 |

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 Grade Thresholds



| Option | Combination of components | A*  | A   | B   | C   | D  | E  | F  | G  |
|--------|---------------------------|-----|-----|-----|-----|----|----|----|----|
| BX     | 11, 31, 85                |     |     |     | 102 | 84 | 67 | 54 | 44 |
| BY     | 12, 32, 85                |     |     |     | 100 | 81 | 63 | 48 | 33 |
| BZ     | 13, 33, 85                |     |     |     | 109 | 90 | 71 | 57 | 43 |
| CX     | 06, 21, 41                | 176 | 148 | 120 | 93  | 75 | 58 |    |    |
| CY     | 06, 22, 42                | 178 | 150 | 122 | 94  | 78 | 63 |    |    |
| CZ     | 06, 23, 43                | 169 | 138 | 107 | 77  | 63 | 49 |    |    |
| DX     | 21, 41, 86                | 176 | 148 | 120 | 93  | 75 | 58 |    |    |
| DY     | 22, 42, 86                | 178 | 150 | 122 | 94  | 78 | 63 |    |    |
| DZ     | 23, 43, 86                | 169 | 138 | 107 | 77  | 63 | 49 |    |    |

Components 05 and 06 are coursework. Components 85 and 86 are coursework results carried forward from a previous examination series.

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