

## Grade thresholds – November 2016

### Cambridge AS & A Level Chemistry (9701)

Grade thresholds taken for Syllabus 9701 (Chemistry) in the November 2016 examination.

|              | maximum raw mark available | minimum raw mark required for grade: |    |    |    |    |
|--------------|----------------------------|--------------------------------------|----|----|----|----|
|              |                            | A                                    | B  | C  | D  | E  |
| Component 11 | 40                         | 30                                   | 25 | 21 | 17 | 14 |
| Component 12 | 40                         | 30                                   | 25 | 21 | 17 | 14 |
| Component 13 | 40                         | 30                                   | 25 | 21 | 17 | 14 |
| Component 21 | 60                         | 42                                   | 31 | 26 | 21 | 15 |
| Component 22 | 60                         | 42                                   | 32 | 26 | 22 | 16 |
| Component 23 | 60                         | 42                                   | 31 | 26 | 21 | 15 |
| Component 31 | 40                         | 27                                   | 22 | 19 | 16 | 14 |
| Component 33 | 40                         | 30                                   | 26 | 22 | 19 | 16 |
| Component 34 | 40                         | 25                                   | 21 | 17 | 14 | 11 |
| Component 35 | 40                         | 27                                   | 22 | 19 | 16 | 14 |
| Component 36 | 40                         | 23                                   | 18 | 15 | 13 | 11 |
| Component 41 | 100                        | 69                                   | 63 | 53 | 43 | 33 |
| Component 42 | 100                        | 67                                   | 62 | 53 | 43 | 33 |
| Component 43 | 100                        | 69                                   | 63 | 53 | 43 | 33 |
| Component 51 | 30                         | 23                                   | 21 | 17 | 14 | 11 |
| Component 52 | 30                         | 23                                   | 21 | 17 | 14 | 11 |
| Component 53 | 30                         | 23                                   | 21 | 17 | 14 | 11 |

Grade A\* does not exist at the level of an individual component.

The maximum total mark for this syllabus, after weighting has been applied, is **260** for A Level and **130** for AS Level.

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

| Option | Combination of Components | A*  | A   | B   | C   | D   | E  |
|--------|---------------------------|-----|-----|-----|-----|-----|----|
| AX     | 11, 21, 31, 41, 51        | 205 | 180 | 155 | 131 | 107 | 84 |
| AY     | 12, 22, 33, 42, 52        | 204 | 181 | 158 | 134 | 110 | 86 |
| AZ     | 13, 23, 35, 43, 53        | 205 | 180 | 155 | 131 | 107 | 84 |
| BT1    | 42, 52, 84                | 192 | 175 | 158 | 132 | 107 | 82 |

## Grade thresholds continued

### Cambridge AS & A Level Chemistry (9701)

| Option | Combination of Components | A*  | A   | B   | C   | D   | E  |
|--------|---------------------------|-----|-----|-----|-----|-----|----|
| BT2    | 42, 52, 87                | 190 | 174 | 158 | 132 | 106 | 81 |
| BU1    | 43, 53, 85                | 186 | 168 | 150 | 125 | 100 | 76 |
| BU2    | 43, 53, 88                | 190 | 171 | 152 | 127 | 102 | 77 |
| BY1    | 42, 52, 85                | 183 | 166 | 149 | 124 | 100 | 76 |
| BY2    | 42, 52, 88                | 187 | 169 | 151 | 126 | 101 | 77 |
| BZ1    | 43, 53, 86                | 198 | 178 | 158 | 131 | 105 | 79 |
| CX1    | 41, 51, 94                | 200 | 177 | 154 | 130 | 107 | 84 |
| CY1    | 42, 52, 95                | 195 | 175 | 155 | 132 | 109 | 87 |
| CY2    | 42, 52, 98                | 197 | 176 | 155 | 132 | 109 | 87 |
| CZ1    | 43, 53, 96                | 200 | 177 | 154 | 130 | 107 | 84 |
| CZ2    | 43, 53, 99                | 200 | 176 | 152 | 128 | 104 | 81 |
| EV     | 42, 52, 75                | 195 | 178 | 161 | 136 | 111 | 87 |
| HY     | 12, 22, 34, 42, 52        | 200 | 177 | 154 | 130 | 106 | 82 |
| HZ     | 13, 23, 36, 43, 53        | 202 | 177 | 152 | 128 | 104 | 81 |
| S1     | 11, 21, 31                | –   | 90  | 72  | 61  | 50  | 40 |
| S3     | 12, 22, 33                | –   | 93  | 76  | 64  | 53  | 42 |
| S4     | 12, 22, 34                | –   | 89  | 72  | 60  | 49  | 38 |
| S5     | 13, 23, 35                | –   | 90  | 72  | 61  | 50  | 40 |
| S6     | 13, 23, 36                | –   | 87  | 69  | 58  | 47  | 37 |