

## Grade thresholds – June 2019

### Cambridge International AS & A Level Physics (9702)

Grade thresholds taken for Syllabus 9702 (Physics) in the June 2019 examination.

|              | maximum raw mark available | minimum raw mark required for grade: |    |    |    |    |
|--------------|----------------------------|--------------------------------------|----|----|----|----|
|              |                            | A                                    | B  | C  | D  | E  |
| Component 11 | 40                         | 30                                   | 25 | 22 | 19 | 16 |
| Component 12 | 40                         | 30                                   | 26 | 23 | 20 | 17 |
| Component 13 | 40                         | 29                                   | 26 | 23 | 20 | 17 |
| Component 21 | 60                         | 41                                   | 36 | 30 | 24 | 17 |
| Component 22 | 60                         | 42                                   | 37 | 31 | 25 | 18 |
| Component 23 | 60                         | 41                                   | 35 | 28 | 22 | 16 |
| Component 31 | 40                         | 33                                   | 31 | 29 | 27 | 25 |
| Component 32 | 40                         | 32                                   | 29 | 26 | 24 | 22 |
| Component 33 | 40                         | 32                                   | 30 | 27 | 24 | 22 |
| Component 34 | 40                         | 33                                   | 31 | 28 | 26 | 24 |
| Component 35 | 40                         | 30                                   | 28 | 25 | 22 | 20 |
| Component 41 | 100                        | 71                                   | 62 | 51 | 40 | 28 |
| Component 42 | 100                        | 69                                   | 58 | 47 | 35 | 23 |
| Component 43 | 100                        | 71                                   | 62 | 51 | 40 | 28 |
| Component 51 | 30                         | 24                                   | 21 | 18 | 14 | 11 |
| Component 52 | 30                         | 23                                   | 19 | 16 | 13 | 10 |
| Component 53 | 30                         | 24                                   | 21 | 18 | 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        | 215 | 191 | 167 | 141 | 116 | 91 |
| AY     | 12, 22, 33, 42, 52        | 213 | 188 | 163 | 137 | 111 | 85 |
| AZ     | 13, 23, 35, 43, 53        | 211 | 188 | 165 | 139 | 113 | 87 |
| BX1    | 41, 51, 84                | 212 | 188 | 164 | 139 | 114 | 89 |

## Grade thresholds continued

### Cambridge AS & A Level Physics (9702)

| Option | Combination of Components | A*  | A   | B   | C   | D   | E  |
|--------|---------------------------|-----|-----|-----|-----|-----|----|
| BX2    | 41, 51, 87                | 213 | 189 | 165 | 140 | 115 | 91 |
| BY1    | 42, 52, 85                | 213 | 187 | 161 | 133 | 105 | 78 |
| BY2    | 42, 52, 88                | 213 | 187 | 161 | 133 | 106 | 79 |
| BZ1    | 43, 53, 86                | 212 | 189 | 166 | 139 | 112 | 86 |
| CP1    | 43, 53, 94                | 211 | 188 | 165 | 139 | 113 | 88 |
| CQ1    | 41, 51, 95                | 210 | 185 | 160 | 135 | 111 | 87 |
| CQ2    | 41, 51, 98                | 214 | 188 | 162 | 137 | 113 | 89 |
| CR1    | 42, 52, 96                | 215 | 188 | 161 | 136 | 112 | 88 |
| CR2    | 42, 52, 99                | 216 | 189 | 162 | 137 | 113 | 89 |
| CX1    | 41, 51, 94                | 211 | 188 | 165 | 139 | 113 | 88 |
| CY1    | 42, 52, 95                | 210 | 182 | 154 | 129 | 105 | 81 |
| CY2    | 42, 52, 98                | 214 | 185 | 156 | 131 | 107 | 83 |
| CZ1    | 43, 53, 96                | 215 | 191 | 167 | 142 | 118 | 94 |
| CZ2    | 43, 53, 99                | 216 | 192 | 168 | 143 | 119 | 95 |
| W31    | 42, 52, 79                | 208 | 183 | 158 | 132 | 106 | 80 |
| W32    | 42, 52, 89                | 208 | 183 | 158 | 131 | 105 | 79 |
| HX     | 11, 21, 32, 41, 51        | 214 | 190 | 166 | 140 | 114 | 89 |
| HY     | 12, 22, 34, 42, 52        | 215 | 189 | 163 | 137 | 111 | 86 |
| S1     | 11, 21, 31                | –   | 96  | 84  | 73  | 62  | 52 |
| S2     | 11, 21, 32                | –   | 95  | 83  | 72  | 61  | 50 |
| S3     | 12, 22, 33                | –   | 96  | 86  | 74  | 63  | 52 |
| S4     | 12, 22, 34                | –   | 97  | 86  | 75  | 64  | 53 |
| S5     | 13, 23, 35                | –   | 93  | 82  | 70  | 59  | 48 |