



## Grade thresholds – November 2022

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

Grade thresholds taken for Syllabus 9702 (Physics) in the November 2022 examination.

|              | maximum raw mark available | minimum raw mark required for grade: |    |    |    |    |
|--------------|----------------------------|--------------------------------------|----|----|----|----|
|              |                            | A                                    | B  | C  | D  | E  |
| Component 11 | 40                         | 25                                   | 21 | 18 | 15 | 13 |
| Component 12 | 40                         | 23                                   | 19 | 16 | 13 | 11 |
| Component 13 | 40                         | 26                                   | 22 | 19 | 17 | 14 |
| Component 21 | 60                         | 36                                   | 30 | 22 | 14 | 7  |
| Component 22 | 60                         | 37                                   | 30 | 23 | 16 | 8  |
| Component 23 | 60                         | 34                                   | 29 | 24 | 18 | 12 |
| Component 31 | 40                         | 30                                   | 28 | 25 | 22 | 19 |
| Component 33 | 40                         | 29                                   | 27 | 24 | 21 | 18 |
| Component 34 | 40                         | 32                                   | 30 | 27 | 24 | 21 |
| Component 35 | 40                         | 33                                   | 29 | 26 | 23 | 20 |
| Component 36 | 40                         | 31                                   | 26 | 23 | 20 | 18 |
| Component 41 | 100                        | 58                                   | 48 | 39 | 29 | 18 |
| Component 42 | 100                        | 60                                   | 51 | 42 | 32 | 21 |
| Component 43 | 100                        | 58                                   | 48 | 39 | 29 | 18 |
| Component 50 | 75                         | 55                                   | 47 | 38 | 29 | 20 |
| Component 51 | 30                         | 21                                   | 19 | 15 | 11 | 8  |
| Component 52 | 30                         | 22                                   | 19 | 15 | 11 | 8  |
| Component 53 | 30                         | 21                                   | 19 | 15 | 11 | 8  |

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

The overall thresholds for the different grades were set as follows. Options with an additional letter, e.g. BYJ, refer to A2-only options.

| Option | Maximum mark after weighting | Combination of Components | A*  | A   | B   | C   | D  | E  |
|--------|------------------------------|---------------------------|-----|-----|-----|-----|----|----|
| AX     | 260                          | 11, 21, 31, 41, 51        | 187 | 163 | 139 | 112 | 86 | 60 |
| AY     | 260                          | 12, 22, 33, 42, 52        | 189 | 164 | 139 | 113 | 87 | 62 |

**Grade thresholds continued**  
**Cambridge AS & A Level Physics (9702)**

| Option | Maximum mark after weighting | Combination of Components | A*  | A   | B   | C   | D  | E  |
|--------|------------------------------|---------------------------|-----|-----|-----|-----|----|----|
| AZ     | 260                          | 13, 23, 35, 43, 53        | 188 | 164 | 140 | 115 | 91 | 67 |
| BS1    | 260                          | 41, 51, 86                | 194 | 167 | 140 | 113 | 86 | 60 |
| BT1    | 260                          | 42, 52, 84                | 197 | 171 | 145 | 118 | 92 | 66 |
| BT2    | 260                          | 42, 52, 87                | 197 | 171 | 145 | 118 | 92 | 66 |
| BU1    | 260                          | 43, 53, 85                | 193 | 167 | 141 | 113 | 85 | 58 |
| BU2    | 260                          | 43, 53, 88                | 193 | 167 | 141 | 113 | 86 | 59 |
| BX1    | 260                          | 41, 51, 84                | 194 | 168 | 142 | 115 | 89 | 63 |
| BY1    | 260                          | 42, 52, 85                | 196 | 170 | 144 | 116 | 88 | 61 |
| BY2    | 260                          | 42, 52, 88                | 196 | 170 | 144 | 116 | 89 | 62 |
| BYJ    | 130                          | 42, 52                    | 91  | 78  | 65  | 49  | 33 | 17 |
| BZ1    | 260                          | 43, 53, 86                | 194 | 167 | 140 | 113 | 86 | 60 |
| CY1    | 260                          | 42, 52, 95                | 190 | 165 | 140 | 114 | 88 | 63 |
| CY2    | 260                          | 42, 52, 98                | 188 | 163 | 138 | 112 | 86 | 61 |
| CYN    | 130                          | 42, 52                    | 91  | 78  | 65  | 49  | 33 | 17 |
| CZ1    | 260                          | 43, 53, 96                | 192 | 166 | 140 | 113 | 87 | 61 |
| CZ2    | 260                          | 43, 53, 99                | 189 | 164 | 139 | 112 | 85 | 59 |
| CZN    | 130                          | 43, 53                    | 88  | 75  | 62  | 46  | 30 | 14 |
| EV     | 260                          | 42, 52, 75                | 197 | 172 | 147 | 119 | 92 | 65 |
| HY     | 260                          | 12, 22, 34, 42, 52        | 190 | 166 | 142 | 116 | 90 | 64 |
| HZ     | 260                          | 13, 23, 36, 43, 53        | 186 | 162 | 138 | 114 | 90 | 66 |
| P1     | 75                           | 50                        | –   | 55  | 47  | 38  | 29 | 20 |
| S1     | 130                          | 11, 21, 31                | –   | 84  | 72  | 59  | 46 | 34 |
| S3     | 130                          | 12, 22, 33                | –   | 82  | 69  | 57  | 45 | 33 |
| S4     | 130                          | 12, 22, 34                | –   | 84  | 72  | 59  | 47 | 35 |
| S5     | 130                          | 13, 23, 35                | –   | 85  | 73  | 62  | 51 | 41 |
| S6     | 130                          | 13, 23, 36                | –   | 83  | 71  | 60  | 50 | 40 |