

Grade thresholds – June 2023

Cambridge International AS & A Level Physics (9702)

Grade thresholds taken for Syllabus 9702 (Physics) in the June 2023 examination.

| | Maximum raw mark available | Minimum raw mark required for grade: | | | | |
|--------------|----------------------------|--------------------------------------|----|----|----|----|
| | | A | B | C | D | E |
| Component 11 | 40 | 28 | 25 | 22 | 19 | 17 |
| Component 12 | 40 | 29 | 24 | 20 | 17 | 13 |
| Component 13 | 40 | 29 | 25 | 22 | 19 | 17 |
| Component 21 | 60 | 41 | 35 | 29 | 22 | 15 |
| Component 22 | 60 | 44 | 38 | 31 | 24 | 16 |
| Component 23 | 60 | 41 | 35 | 28 | 21 | 15 |
| Component 31 | 40 | 30 | 27 | 24 | 22 | 20 |
| Component 32 | 40 | 32 | 30 | 27 | 25 | 23 |
| Component 33 | 40 | 32 | 29 | 26 | 23 | 20 |
| Component 34 | 40 | 31 | 29 | 26 | 23 | 21 |
| Component 35 | 40 | 30 | 28 | 25 | 22 | 19 |
| Component 41 | 100 | 62 | 50 | 40 | 30 | 19 |
| Component 42 | 100 | 63 | 51 | 41 | 31 | 20 |
| Component 43 | 100 | 62 | 50 | 40 | 30 | 19 |
| Component 50 | 75 | 60 | 51 | 43 | 35 | 27 |
| Component 51 | 30 | 23 | 19 | 16 | 12 | 9 |
| Component 52 | 30 | 20 | 16 | 13 | 10 | 7 |
| Component 53 | 30 | 23 | 19 | 16 | 12 | 9 |
| Component 60 | 75 | 56 | 49 | 41 | 33 | 26 |

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

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

| Option | Maximum mark after weighting | Combination of components | A* | A | B | C | D | E |
|--------|------------------------------|---------------------------|-----|-----|-----|-----|----|----|
| AX | 260 | 11, 21, 31, 41, 51 | 205 | 177 | 149 | 124 | 99 | 75 |
| AY | 260 | 12, 22, 33, 42, 52 | 209 | 180 | 151 | 124 | 97 | 71 |
| AZ | 260 | 13, 23, 35, 43, 53 | 206 | 178 | 150 | 124 | 99 | 74 |

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Grade thresholds continued

Cambridge AS & A Level Physics (9702)

| Option | Maximum mark after weighting | Combination of components | A* | A | B | C | D | E |
|--------|------------------------------|---------------------------|-----|-----|-----|-----|-----|----|
| BX1 | 260 | 41, 51, 84 | 204 | 174 | 144 | 117 | 91 | 65 |
| BX2 | 260 | 41, 51, 87 | 204 | 174 | 144 | 117 | 91 | 65 |
| BY1 | 260 | 42, 52, 85 | 201 | 171 | 141 | 113 | 86 | 59 |
| BY2 | 260 | 42, 52, 88 | 201 | 171 | 141 | 114 | 87 | 60 |
| BZ1 | 260 | 43, 53, 86 | 204 | 173 | 142 | 115 | 88 | 62 |
| CP1 | 260 | 43, 53, 94 | 197 | 169 | 141 | 114 | 88 | 62 |
| CQ1 | 260 | 41, 51, 95 | 196 | 167 | 138 | 112 | 86 | 61 |
| CQ2 | 260 | 41, 51, 98 | 197 | 169 | 141 | 115 | 89 | 63 |
| CR1 | 260 | 42, 52, 96 | 196 | 168 | 140 | 116 | 92 | 68 |
| CR2 | 260 | 42, 52, 99 | 194 | 166 | 138 | 114 | 90 | 67 |
| CX1 | 260 | 41, 51, 94 | 197 | 169 | 141 | 114 | 88 | 62 |
| CY1 | 260 | 42, 52, 95 | 194 | 165 | 136 | 110 | 85 | 60 |
| CY2 | 260 | 42, 52, 98 | 195 | 167 | 139 | 113 | 87 | 62 |
| HX | 260 | 11, 21, 32, 41, 51 | 204 | 178 | 152 | 127 | 102 | 77 |
| HY | 260 | 12, 22, 34, 42, 52 | 207 | 179 | 151 | 124 | 98 | 72 |
| P1 | 75 | 50 | – | 60 | 51 | 43 | 35 | 27 |
| P3 | 150 | 60, 80 | 130 | 116 | 102 | 86 | 71 | 56 |
| S1 | 130 | 11, 21, 31 | – | 92 | 80 | 69 | 58 | 47 |
| S2 | 130 | 11, 21, 32 | – | 93 | 83 | 71 | 60 | 49 |
| S3 | 130 | 12, 22, 33 | – | 97 | 84 | 70 | 57 | 44 |
| S4 | 130 | 12, 22, 34 | – | 96 | 84 | 71 | 58 | 45 |
| S5 | 130 | 13, 23, 35 | – | 93 | 81 | 69 | 57 | 46 |