

## Grade thresholds – June 2021

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

Grade thresholds taken for Syllabus 9702 (Physics) in the June 2021 examination.

|              | maximum raw mark available | minimum raw mark required for grade: |    |    |    |    |
|--------------|----------------------------|--------------------------------------|----|----|----|----|
|              |                            | A                                    | B  | C  | D  | E  |
| Component 11 | 40                         | 27                                   | 24 | 21 | 18 | 15 |
| Component 12 | 40                         | 28                                   | 24 | 20 | 16 | 12 |
| Component 13 | 40                         | 30                                   | 25 | 21 | 17 | 14 |
| Component 21 | 60                         | 37                                   | 31 | 25 | 18 | 12 |
| Component 22 | 60                         | 39                                   | 31 | 24 | 16 | 9  |
| Component 23 | 60                         | 40                                   | 32 | 25 | 18 | 10 |
| Component 31 | 40                         | 30                                   | 28 | 25 | 22 | 20 |
| Component 32 | 40                         | 29                                   | 27 | 24 | 22 | 20 |
| Component 33 | 40                         | 33                                   | 31 | 28 | 25 | 22 |
| Component 34 | 40                         | 28                                   | 26 | 23 | 20 | 17 |
| Component 35 | 40                         | 33                                   | 31 | 28 | 25 | 22 |
| Component 41 | 100                        | 58                                   | 48 | 37 | 26 | 14 |
| Component 42 | 100                        | 55                                   | 45 | 37 | 28 | 19 |
| Component 43 | 100                        | 58                                   | 48 | 37 | 26 | 14 |
| Component 51 | 30                         | 21                                   | 18 | 15 | 12 | 9  |
| Component 52 | 30                         | 23                                   | 21 | 18 | 16 | 13 |
| Component 53 | 30                         | 21                                   | 18 | 15 | 12 | 9  |

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, **130** for A2-only A Level, and **130** for AS Level.

The overall thresholds for the different grades were set as follows. Options with the suffix J, e.g. BXJ, refer to A2-only options.

| Option | Combination of Components | A*  | A   | B   | C   | D  | E  |
|--------|---------------------------|-----|-----|-----|-----|----|----|
| AX     | 11, 21, 31, 41, 51        | 190 | 166 | 142 | 116 | 90 | 65 |
| AY     | 12, 22, 33, 42, 52        | 196 | 170 | 144 | 119 | 94 | 70 |
| AZ     | 13, 23, 35, 43, 53        | 202 | 174 | 146 | 118 | 91 | 64 |

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

| Option | Combination of Components | A*  | A   | B   | C   | D  | E  |
|--------|---------------------------|-----|-----|-----|-----|----|----|
| BXJ    | 41, 51                    | 90  | 75  | 60  | 44  | 28 | 13 |
| BYJ    | 42, 52                    | 89  | 75  | 61  | 48  | 35 | 22 |
| BZJ    | 43, 53                    | 90  | 75  | 60  | 44  | 28 | 13 |
| CQ1    | 41, 51, 95                | 186 | 162 | 138 | 113 | 89 | 65 |
| CQ2    | 41, 51, 98                | 185 | 161 | 137 | 112 | 88 | 64 |
| CR1    | 42, 52, 96                | 196 | 170 | 144 | 120 | 96 | 73 |
| CR2    | 42, 52, 99                | 193 | 167 | 141 | 117 | 93 | 69 |
| CX1    | 41, 51, 94                | 187 | 164 | 141 | 116 | 91 | 67 |
| CY1    | 42, 52, 95                | 184 | 161 | 138 | 116 | 95 | 74 |
| CY2    | 42, 52, 98                | 183 | 160 | 137 | 115 | 94 | 73 |
| CZ1    | 43, 53, 96                | 198 | 171 | 144 | 117 | 90 | 64 |
| CZ2    | 43, 53, 99                | 195 | 168 | 141 | 114 | 87 | 60 |
| HX     | 11, 21, 32, 41, 51        | 189 | 165 | 141 | 115 | 90 | 65 |
| HY     | 12, 22, 34, 42, 52        | 191 | 166 | 141 | 116 | 91 | 66 |
| S1     | 11, 21, 31                | –   | 87  | 76  | 64  | 53 | 42 |
| S2     | 11, 21, 32                | –   | 86  | 75  | 64  | 53 | 42 |
| S3     | 12, 22, 33                | –   | 92  | 78  | 64  | 51 | 38 |
| S4     | 12, 22, 34                | –   | 88  | 75  | 61  | 47 | 34 |
| S5     | 13, 23, 35                | –   | 95  | 80  | 67  | 54 | 41 |