

**A Level qualification and notional component raw mark grade boundaries June 2022 series**

| <b>AS GCE Mathematics A</b> |    |                                 |          |     |    |    |    |    |    |   |
|-----------------------------|----|---------------------------------|----------|-----|----|----|----|----|----|---|
|                             |    |                                 | Max Mark | a   | b  | c  | d  | e  | u  |   |
| H230                        | 01 | Pure Mathematics and Statistics | Raw      | 75  | 49 | 40 | 32 | 23 | 14 | 0 |
| H230                        | 02 | Pure Mathematics and Mechanics  | Raw      | 75  | 45 | 36 | 27 | 19 | 11 | 0 |
|                             |    |                                 | Overall  | 150 | 94 | 76 | 59 | 42 | 25 | 0 |

| <b>AS GCE Further Mathematics A (H235)</b> |                              |                             |          |     |     |    |    |    |    |   |
|--|------------------------------|-----------------------------|----------|-----|-----|----|----|----|----|---|
|  |                              |                             | Max Mark | a   | b   | c  | d  | e  | u  |   |
| Y531                                       | 01                           | Pure Core                   | Raw      | 60  | 38  | 33 | 29 | 25 | 21 | 0 |
| Y532                                       | 01                           | Statistics                  | Raw      | 60  | 37  | 32 | 28 | 24 | 20 | 0 |
| Y533                                       | 01                           | Mechanics                   | Raw      | 60  | 36  | 31 | 27 | 23 | 19 | 0 |
| Y534                                       | 01                           | Discrete Mathematics        | Raw      | 60  | 33  | 29 | 25 | 21 | 18 | 0 |
| Y535                                       | 01                           | Additional Pure Mathematics | Raw      | 60  | 35  | 31 | 27 | 23 | 20 | 0 |
| H235                                       | <i>Option Y531+Y532+Y533</i> |                             | Overall  | 180 | 111 | 98 | 85 | 72 | 60 | 0 |
| H235                                       | <i>Option Y531+Y532+Y534</i> |                             | Overall  | 180 | 108 | 95 | 83 | 71 | 59 | 0 |
| H235                                       | <i>Option Y531+Y532+Y535</i> |                             | Overall  | 180 | 110 | 97 | 85 | 73 | 61 | 0 |
| H235                                       | <i>Option Y531+Y533+Y534</i> |                             | Overall  | 180 | 107 | 94 | 82 | 70 | 58 | 0 |
| H235                                       | <i>Option Y531+Y533+Y535</i> |                             | Overall  | 180 | 109 | 96 | 84 | 72 | 60 | 0 |
| H235                                       | <i>Option Y531+Y534+Y535</i> |                             | Overall  | 180 | 106 | 94 | 82 | 70 | 59 | 0 |

| <b>A Level Mathematics A</b> |    |                                 |          |     |     |     |     |    |    |    |   |
|------------------------------|----|---------------------------------|----------|-----|-----|-----|-----|----|----|----|---|
|                              |    |                                 | Max Mark | a*  | a   | b   | c   | d  | e  | u  |   |
| H240                         | 01 | Pure Mathematics                | Raw      | 100 | 73  | 56  | 44  | 33 | 22 | 11 | 0 |
| H240                         | 02 | Pure Mathematics and Statistics | Raw      | 100 | 62  | 48  | 39  | 30 | 21 | 12 | 0 |
| H240                         | 03 | Pure Mathematics and Mechanics  | Raw      | 100 | 58  | 45  | 36  | 27 | 18 | 9  | 0 |
|                              |    |                                 | Overall  | 300 | 193 | 149 | 119 | 90 | 61 | 32 | 0 |

| <b>A Level Further Mathematics A (H245)</b> |                                   |                             |          |     |     |     |     |     |    |    |   |
|---|-----------------------------------|-----------------------------|----------|-----|-----|-----|-----|-----|----|----|---|
|   |                                   |                             | Max Mark | a*  | a   | b   | c   | d   | e  | u  |   |
| Y540  | 01                                | Pure Core 1                 | Raw      | 75  | 50  | 42  | 34  | 27  | 20 | 13 | 0 |
| Y541  | 01                                | Pure Core 2                 | Raw      | 75  | 45  | 36  | 29  | 22  | 16 | 10 | 0 |
| Y542  | 01                                | Statistics                  | Raw      | 75  | 59  | 49  | 39  | 30  | 21 | 12 | 0 |
| Y543  | 01                                | Mechanics                   | Raw      | 75  | 45  | 33  | 26  | 20  | 14 | 8  | 0 |
| Y544  | 01                                | Discrete Mathematics        | Raw      | 75  | 49  | 39  | 32  | 25  | 18 | 11 | 0 |
| Y545  | 01                                | Additional Pure Mathematics | Raw      | 75  | 39  | 29  | 23  | 18  | 13 | 8  | 0 |
| H245  | <i>Option Y540+Y541+Y542+Y543</i> |                             | Overall  | 300 | 199 | 160 | 130 | 101 | 72 | 43 | 0 |
| H245  | <i>Option Y540+Y541+Y542+Y544</i> |                             | Overall  | 300 | 203 | 166 | 136 | 106 | 76 | 46 | 0 |
| H245  | <i>Option Y540+Y541+Y542+Y545</i> |                             | Overall  | 300 | 193 | 156 | 127 | 99  | 71 | 43 | 0 |
| H245  | <i>Option Y540+Y541+Y543+Y544</i> |                             | Overall  | 300 | 189 | 150 | 123 | 96  | 69 | 42 | 0 |
| H245  | <i>Option Y540+Y541+Y543+Y545</i> |                             | Overall  | 300 | 179 | 140 | 114 | 89  | 64 | 39 | 0 |
| H245  | <i>Option Y540+Y541+Y544+Y545</i> |                             | Overall  | 300 | 183 | 146 | 120 | 94  | 68 | 42 | 0 |