

## 2024 GCE O-level Additional Mathematics (4049) Mark Analysis

|                           |                                                   | Paper / Question [Mark] |            |           |            | Mark [180] |    |
|---------------------------|---------------------------------------------------|-------------------------|------------|-----------|------------|------------|----|
| Algebra                   | Quadratic Functions                               | P1/09 [8]               | P2/08 [3]  |           |            | 11         | 63 |
|                           | Equations and Inequalities                        | P1/04 [6]               | P2/02 [5]  |           |            | 11         |    |
|                           | Surds                                             | P1/07 [7]               |            |           |            | 7          |    |
|                           | Polynomials and Partial Fractions                 | P1/12 [5]               | P2/06 [9]  |           |            | 14         |    |
|                           | Binomial Expansions                               | P1/05 [7]               |            |           |            | 7          |    |
|                           | Exponential and Logarithmic Functions             | P2/01 [4]               | P2/03 [5]  | P2/05 [4] |            | 13         |    |
| Geometry and Trigonometry | Trigonometric Functions, Identities and Equations | P1/03 [5]               | P1/10 [8]  | P1/11 [9] | P2/09 [12] | 34         | 61 |
|                           |                                                   |                         |            |           |            |            |    |
|                           | Coordinate Geometry in Two Dimensions             | P2/07 [9]               | P2/10 [12] |           |            | 21         |    |
|                           | Proofs in Plane Geometry                          | P1/06 [6]               |            |           |            | 6          |    |
| Calculus                  | Differentiation and Integration                   | P1/01 [3]               | P1/02 [4]  | P1/08 [7] | P1/12 [5]  | 56         |    |
|                           |                                                   | P1/13 [10]              | P2/04 [7]  | P2/05 [2] | P2/08 [6]  |            |    |
|                           |                                                   | P2/11 [12]              |            |           |            |            |    |