

Please complete and return with your scripts or complete electronically and email to Helen Lowe (loweh@maths.ox.ac.uk) by Friday 16th June.

Appendix A - Part A Assessors' Report Form

Report on (*course title*): C3.7 Elliptic Curves

Section A Confidential Report for Examiners

This section will not be published. Please include any changes made to the marking scheme.

There were no changes to the marking scheme. The exam was midly harder than average, and I am sympathetic to some upwards scaling.

If possible, please give your own estimate of which raw mark out of 50 should correspond to a scaled mark of 70 (out of 100, the bottom of the First class), which raw mark should correspond to a scaled mark of 60 (the bottom of the Upper Seconds) and which raw mark should correspond to a scaled mark of 50 (the bottom of the Lower Seconds).

- Raw marks which might be scaled to 70: 33.
- Raw marks which might be scaled to 60: 25.
- Raw marks which might be scaled to 50: 20.

Section B - Comments on the paper for inclusion in the Examiners' Report

This section will be published in the Examiners' Report. Please include comments on each of the questions, summarising the standard of answers and noting any common difficulties encountered by the candidates.

There were 19 candidates; 12 answered Q1, 18 answered Q2 and 8 answered Q3. In Q1, parts (a),(b) were well answered, but many candidates found part (c) difficult. In Q2(b), most candidates answered well the case when p is congruent to 2 mod 3, but very few completely answered the case when p is congruent to 1 mod 3. For Q2(c), about a third of the candidates wasted a lot of time trying to remove the X^2 term from the curve, which is messy (it is easier just to leave the curve in its given form). Q3 was only answered by 8 candidates; most of those who answered it did so to a high standard.