Question 1 proved easy, with an average of 82.3% (standard deviation 16.3). The only part of the question that proved only very slightly harder was (g), in particular the cardinality estimations for the join and project nodes.

Question 2 was normal in terms of hardness, with an average of 62.8% (standard deviation 16.4). The item on map-reduce was mostly poorly answered insofar as most students failed to give the easiest answer of all, viz., providing the relational-algebraic expressions that correspond to the map, reduce and merge stages. Because of the option for more complex answers, many marks failed to be secured that would otherwise have been more easily had. In part (c), on window-based joins, many students lost marks for failing to follow the questions requirement for a step-by-step description and the question was marked leniently wherever possible. In part (d), on tree-stage aggregation, the main issues was, for some students, answering with the wrong aggregation function, and for others, to fail to compute de percentage reduction correctly.

Overall, the average mark for the exam was a very high 72.6% (standard deviation 13.3) and none of the 26 students that took it had a mark of less than 50%.