

Report on S1 (2007)

59 candidates, mean 28.4, SD 11.6

Q1 24 attempts, mean 15.0, SD 4.69 Several candidates gave perfect, or near perfect, answers to this problem. A popular error was to say that there are two singularities in each of the two w planes.

Q2 11 attempts, mean 8.0 SD 3.16 The least popular question. Only a handful of candidates understood how to apply the Cauchy integral formula to a function with a pole.

Q3 37 attempts, mean 13.4, SD 7.24

Q4 46 attempts, mean 15.9, SD 7.91 The most popular question, being similar to but not identical with one set on a problem sheet. Candidates had a choice of at least three correct methods, one similar to the method used in a lecture, one similar to a method spelt out in a problem set, and another method. Incorrect solutions often involved erroneous mixing of these methods.