

STEP III, 2016 , Q1 EC

Question 1

This was the most frequently attempted question with more than 93% of candidates attempting it. It was also successfully attempted, the second most in this respect and only by a small margin, earning two thirds marks on average. The majority of candidates completed parts (i) and (iii) with little trouble, with various algebraic mistakes occurring throughout, and a few candidates forgetting to substitute for the limits in part (i). Many got started on part (ii) using the substitution from part (i), and then get stuck faced with the consequent integral.



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