

STEP III, 2009 Q8 EC

8. Roughly the same number attempted this as question 7, with slightly less success. Usually, a candidate did not properly obtain the first three results, and so would end up having apparently finished the whole question but in fact scoring only two thirds marks. The problem was often that the limiting process was not fully understood. In part (ii), there was often odd splitting going on to attempt the integration by parts and this part often went wrong.



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