

STEP III, 2016 , Q13 EC

Question 13

This was the least popular question being attempted by only half the number attempting question 12, and with slightly less success than for question 11. Most candidates picked up a few marks at the start of the question and then a small number used integration by parts in (i), but others attempted this unsuccessfully trying integration by change of variable. The multiplication of T^4 was surprisingly badly done, and the expectation of a constant being zero was similarly surprisingly common.



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