

STEP II, 2015, Q4 EC

Question 4

This was a generally well attempted question, although it was a common error to draw graphs that were not continuous, even in some cases with statements that they were continuous. Marks were also lost through mislabelling of points on the graphs or through incorrect attempts to use arguments based on graphical transformations to deduce the shape of the graph. A number of candidates when trying to find the stationary points stated that they were going to differentiate a function, but then integrated it.



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