

## **STEP II, 2006, Q12 EC**

- 12 This was the least popular of the Statistics questions, even amongst the relatively small number of attempts at any Section C questions. Of those seen, examiners can recall only two which got the answer of  $\frac{3}{10}$  in (i). This was due to the almost total lack of appreciation that the result “1 wicket taken” required three probabilities.

The clear guidance towards the use of a Poisson distribution in (ii) and (iii) was, however, picked up by candidates. The calculation of the ensuing probabilities, either directly or via tables, was actually very straightforward, and candidates coped very easily when they ventured this far.



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