



STEP II, 2018, Q13 EC

This was the more popular of the two probability and statistics questions on the paper and many good responses were seen.

Candidates were generally able to work out the probabilities required in the first part of the question accurately. A considerable number of candidates were not able to make significant progress beyond that point, but those who did were often able to identify the relationships clearly and make use of the symmetry of the problem. Some attempts to tackle the second part of the question through counting arguments were seen, but these were not successful. The proportion of candidates achieving full marks for this question was higher than any other.



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