

1. (a) Write down two reasons for using statistical models.

(2)

(b) Give an example of a random variable that could be modelled by

(i) a normal distribution,

(ii) a discrete uniform distribution.

(2)

(Total 4 marks)



1. A lot of waffle was seen in many responses to part (a). Many candidates lost marks due to illegible handwriting and muddled English and a large variation in the quality of answers was seen. Most candidates gained some but not full marks. In part (a) many could only supply one valid reason for the use of statistical models and in part (b) candidates need to be reminded to read the question carefully as many ignored the random variable and hence lost one or two marks. The whole or part of this question was completely missed out by a surprisingly high proportion of students.