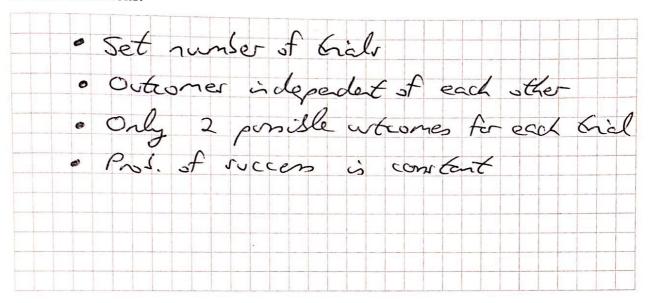
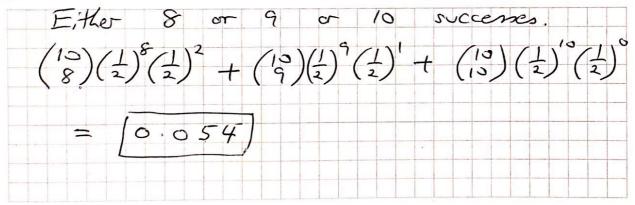
(25 marks)

Question 4

A Bernoulli experiment is a random experiment that satisfies certain conditions. Name any three of these conditions.



- The median annual household income in Ireland is €32 000. Among 10 randomly selected Irish (b) households, find the probability that:
  - (i) eight or more had an income exceeding this,



(ii) at least two households had an income exceeding this.

