

Quiz 01

IE-231

Mar 14, 2017

Name Surname:

Student Number:

You don't need to find exact results. Just do the operations. You have 30 mins.

1. In how many ways can you arrange the letters of "SERENDIPITY"?
 - a) Any order?
 - b) Vowels together?
2. In a box there are 12 balls, 4 white 8 black. If I randomly pick 5 balls from the box, what is the probability that it will be 1 white and 4 blacks?
3. John's basketball shots score with probability 0.8. What is the probability that at least three scores among the first 10 shots?