

Fourth Year Stats. & Comp.
Date: 13-7-2020
Second term (٢٤٣٤)

Combinatorics
Alternative questions
for the oral test



Answer the following question (5 marks)

Complete the following

- i- The number of permutations of, n characteristic objects taken, r each time equals to ...
- ii- The number of subgroups whose number of elements is, r selected from a group with, n elements is given by ...
- iii- The number of methods of drawing all samples of the same size, r from group consists of, n elements, with-replacement (frequency allowed) with no order equal to ...

Good Luck

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