

TUTORIAL 7 : PERMUTATIONS AND COMBINATIONS

WORKSHEET 1

- a) Three people, Norelle , Yaya and Nicole must be scheduled for job interviews. In how many different orders can this be done
- b) There are eight competitors in the final of a 200m race. The first three competitors to complete the course will all receive medals. Calculate the number of different possible groups of medal winners.
- c) How many arrangements are there of the letters in the word
 - i) PERMUTATION
 - ii) COLLEGE
 - iii) CHALLENGER
 - iv) MERDEKA
 - v) BOOKS
 - vi) LOTTO