QUESTION 2

[10 MARKS]

a) From a group of 8 men and 6 women, five persons are to be selected to form a committee so that at least 3 women are on the committee. In how many ways can it be done?

b) The SE Students in MJIIT need to form a group for Discrete Structure Assignments. The group must contain four students. Given that the total number of students is 20, half of it is girls. How many different ways can a group be selected if at least one boy must be there in the team?

(5 marks)

At least one boy must be in the team:

